	Now and the second	OMB No. 2 0042 Approval I	Expires 1/31/05
		NMENTAL PROTECTION AG	EVANCE IN HOR
Locate Well and Outline Unit on Section Plat - 640 Acres Michigan SURFACE LOCATION DESCRIPTION NW 1/4 of NE 1/4 of E 1/4 of1/4 of Section 27 Township 28N Ran LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location 380 ft. From (N/S) And 920 ft. From (E/W) WELL ACTIVITY WELL STATUS TYF Class II Operating Valuation/Conversion Brine Disposal Proposed Number of Class III Other			
NAME & ADDRESS OF FYISTING PERMIT	* ****		***
		1	
4030 Columbus Drive, NE		4030 Columbus Drive, NE	
Kalkaska, Michigan 49646		Kalkaska, Michigan 49646	
	STATE	COUNTY	PERMIT NUMBER
			MI-079-2D-C016
, 100 T T T T T T T T T T T T T T T T T T	WALLAND CO.		28N Range 7W
	LOCATE WELL IN TWO DIRECT		
		0 ft. From (N/S) North Line of Quarte	r Section
<u> </u>			r Section
 	WELL ACTIV	/ITY WELL STATUS	TYPE OF PERMIT
3	Class I	Operating	Individual
			Area
·		Proposed	Number of Wells
		,	
		abon storage	
	Other		
•			
			Well Number 2-27
	/NER(S)		
•		•	
		1	
Attach to this application a wi	ritten agreement between i	the existing and new permittee containing a	specific date
for transfer of permit respons	ibility, coverage, and liabili w evidence of financial res	ity between them. bonsibility by the submission of surety bond,	
for transfer of permit respons	ibility, coverage, and liabili w evidence of financial res	ity between them. ponsibility by the submission of surety bond, ther materials acceptable to the director	
for transfer of permit respons	ibility, coverage, and liabili w evidence of financial res	ity between them. ponsibility by the submission of surety bond, ther materials acceptable to the director	
for transfer of permit respons	ibility, coverage, and liabili w evidence of financial res	ity between them. ponsibility by the submission of surety bond, ther materials acceptable to the director	
for transfer of permit respons	ibility, coverage, and liabili wevidence of financial res s financial statements or of	ity between them. ponsibility by the submission of surety bond, ther materials acceptable to the director	
for transfer of permit responsi	CER that I have examined and arm on my inquiry of those individu ue, accurate, and complete.	consibility by the submission of surety bond, ther materials acceptable to the director state of the director submission of surety bond, ther materials acceptable to the director state of the director submission submitted in this doctor of the director submission submitted in this doctor is also immediately responsible for obtaining the information aware that there are significant penalties for the director of	ument and
I certify under the penalty of law all attachments and that, based of believe that the information is transcent and the penalty of law all attachments and the penalty of law	CER that I have examined and arm on my inquiry of those individu ue, accurate, and complete.	consibility by the submission of surety bond, ther materials acceptable to the director state of the director submission of surety bond, ther materials acceptable to the director state of the director submission submitted in this doctor of the director submission submitted in this doctor is also immediately responsible for obtaining the information aware that there are significant penalties for the director of	ument and



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF: WU-16J

NOV 2 2006

<u>CERTIFIED MAIL</u> 7001 0320 0006 0199 4394 <u>RETURN RECEIPT REQUESTED</u>

Shawn Humphrey SWD Specialties, LLC 4030 Columbus Drive NE Kalkaska, Michigan 49646

Re: Minor-modified Underground Injection Control (UIC) Permits #MI-035-2D-C028,

#MI-055-2D-C015, #MI-055-2D-C033, #MI-065-2D-C008, #MI-079-2D-C001,

#MI-079-2D-C008, #MI-079-2D-C016 and #MI-101-2D-C030

Dear Mr. Humphrey:

The final minor-modified pages for the eight SWD Specialties, LLC permits referenced above are enclosed. They replace the correlated pages in the existing permits. Pursuant to Title 40 of the Code of Federal Regulations Section 144.41(e), these permits are modified as follows:

Page/Permit Condition	<u>Modification</u>
Att. D/List of Approved Sources	Add source 253, Garfield Sec 08 (Beaver Creek)

This action constitutes issuance of ten minor-modified permits which become effective on the date specified in the permits. Should you have any questions, please contact Dr. Stephen Roy by phone at (312) 886-6556 or by email to roy.stephen@epa.gov.

Sincerely yours,

Lisa Perenchio, Chief Direct Implementation Section, UIC Branch

Enclosures

cc: Dave Davis, Michigan Department of Environmental Quality
WU-16J:S.Roy:10/30/06:g:\uic\class2\SWD Specialties\minormod\number62.doc

10/31/00

Are for Ly

Whiles

60/s

At 106

			4	1	.1	OME	3 No. 7 0042	Approval Expires	1/31/05	
			کرر۔۔ڈ		NVIRONMENT		N AG			
			DIII		'ASHINGTON, D AND ABAN		T DI AN			
Name and	Address of Fac	nilitra	PLU	IGGING A	AND ADAI	,		·/Operator		
	#2-27 swd	anity				Name and Add S.W.D SPEC				
1834 Woo						4030 COLUM				
	Michigan 496	S/16				KALKASKA I				
Nainaska,	Michigan 490					INALNASNA I	WII. 49040			
			State		County	<u> </u>			Permit Number	<u>.</u>
Locate V	Vell and Outline	Unit on	Michiga	ın	Kalkaska				MI-079-2D-0	016
Section I	Plat - 640 Acres		1	cation Description						
· · · · · · · · · · · · · · · · · · ·	. <u>N</u>				4 of E of Sons from nearest lines			Range 7W		
	!	pp	Surface	ii iii two airectior	is from nearest lines	or quarter section a	and arming unit			
	‡	: : :	Location	380	ft. From (N/S)	North Line	of Quarter Sec	ction		
		{}	And	920	_ft. From (E/W)	East_Line	of Quarter Sec	ction		
		:	TYF	PE OF AUTH	HORIZATION		WELL	Class I		
	i			☑ Individua	al Permit		ACTIVITY		ardous	
	i			_				☐ Noni	nazardous	
				Area Per	mit		•	✓ Class II		
		<u> </u>		Rule				☑ Brine	e Disposal	
								Enhar	nced Recovery	
			Number	of Wells	1			☐ Hydro	carbon Storage	а
		<u> </u>	Number	OI VVEIIS		-		Class III		
			Lease N	ame	Wlosinski		Well Number	2-27 swd		
	CAS	SING AND TUBIN	G RECO	RD AFTER P	LUGGING		METHOD OF	EMPLACEMEN	IT OF CEMEN	T PLUGS
SIZE	WT (LB/FT)	TO BE PUT IN WELL (FT)		TO BE LEFT IN WE		HOLE SIZE	-	Emi EAGEMEI	. OI GEMEN	2000
11 3/4	42#	90'		90'		driven	- ✓ Bal	ance Method		
8 5/8	32#	950'		950'		12 1/4	☐ Du	mp Bailer Metho	od	
5 1/2	15.5#	2990'		2990'		7 7/8	⊤w	o Plug Method		
	,						Ot	her		
		D ABANDON D	ATA:	Plug #1	Plug #2	Plug #3	Plug#4	Plug #5	Plug #6	Plug #7
	Pipe in Which Plug V m of Tubing or Drill Pi	VIII Be Placed (inches)	CIBP	5 1/2 2400'	5 1/2 950'	5 1/2 140'				
	ent To Be Used (each		CIBP	2400	20	15				
	To Be Pumped (cu. F	t.)		23,6	23.6	17.5				
Calculated Top	of Plug (ft.) of Plug (if tagged, ft.)	.		2125'	675'	surface		 		
Slurry Weight (·		15.6	15,6	15,6		†		
	nt or Other Material (0			Α	Α	Α				
· LI	ST ALL OPEN	N HOLE AND/O	R PERFO		TERVALS AN	D INTERVALS	WHERE CA	SING WILL BI	E VARIED (if	any)
	From			То		Fror			То	
	2422'			2594'			Perfs		Formation Du	ndee
	est of the									
Estimated	Cost to Plug V	lalle	<u> </u>							
LStimated	Cost to Flug F	e de p								,, · · · · · ·
	:				CERTIFICA	TION				
1	Loosifida-4	o populh, of less 45.	si I bassa as	raminad and			mittad in this de-	rumont and		
1		ne penalty of law that and that, based on								
		information is true					-			
	false informatio	n. including the pos	sibility of t	fine and impris	conment. (Ref.40	CFR 144.32)				

Date Signed 3-2-2006

Name and Official Title (Please type or print)

Kick fool Yard Manager

EPA Form 7520-14 (Rev. 8-01)

Signature

DEQ

Name(s) of Selling Permittee(s)

Kalkaska Oil Field Services

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - OFFICE OF GEOLOGICAL SURVEY

Permit number

Well type

Current true vertical depth

Fed. I.D.# or S.S.#

38-308-3604

REQUEST FOR TRANSFER OF PERMIT	36963	Brine Disposa	1 4400'		
Required by authority of Part 615 Supervisor of Wells or Part 625 Mineral Wells, Act 451 PA 1994 as amended. Non-submission and/or	Well name and numbe Włosinski 2-27 SV	-			
alsification of this information may result in fines and/or imprisonment.	Surface location NW 1/4 NE 1	/4 NE 1/4	4 Section 27	г 2 8N R	7W
Part 615 Oil/Gas Well Part 625 Mineral Well	Township Rapid River		County Kalkaska	ZON	, , , ,
OTE: Eligibility for permits is conditioned upon compliance with the statutes of be transferred to persons not in compliance. A permit for a well shall not	, rules and orders of the	B Department of E	nvironmental Qualit	y. Permits satisfactory	shali

NOTE: Eligibility for permits is conditioned upon compliance with the statutes, rules and orders of the Department of Environmental Quality. Permits shall not be transferred to persons not in compliance. A permit for a well shall not be transferred if the permittee is under notice because of unsatisfactory conditions at the well site until compliance is achieved. The acquiring permittee shall attach a current Organization Report (EQP 7200-13)

This permit does not convey property rights in either real estate or material nor does it authorize any injury to private property or invasion of private or public rights nor does it waive the necessity of seeking federal and local permits or complying with other state statutes.

TRANSFER OF A PERMIT FROM:

			616-258	-6026
Permittee Authorized representative name Signature Date TRANSFER OF A PERMIT TO: Name(s) of Acquiring Permittee(s): SWD Specialties LLC				
Kalkaska Oilfield Services	Rick Root	entative name	Fick Rood Signature	19-73-05 Date
Permittee	Authorized repres	entative name	Signature	Date
Permittee	Authorized repres	entative name	Signature	Date
	TRANS	FER OF A PERMIT TO:	F 4 1 2 4	
• • • • • • • • • • • • • • • • • • • •				
SWD Specialties LLC Address: Number and Street City or Tow	n. State. ZIP Code			
4030 Columb	ous Drive, Kalkask		: 231-258-9134	
(We are) (I am) an owner or authorized re	presentative of the owner of regulations and orders.	the well under this permit a	and assume full responsibility for the	drilling, operation, and
		Northwestern Bank		
Bolling Zi omgre i i i	•	LOC #0511158	Amount \$25,000	
Statement of Financial R	esponsibility			
All permittee rights and responsibilities are	assumed by:			/
	Authorized representative name Authorized representative name Signature Discrete(s): TRANSFER OF A PERMIT TO: Fed. I.D.# or S.S.# FIN 20-3310760 Telephone Columbus Drive, Kalkaska, MI 49646 - Bus: 231-258-9134 authorized representative of the owner of the well under this permit and assume full responsibility for the drilling, oper with the law, regulations and orders. Authorized Surety or Bank On File Bond Number LOC #0511158 Amount \$25,000 Financial Responsibility misbilities are assumed by: C George Molski Authorized representative name Authorized representative name Signature Da	///23/05 Date		
Permittee	Authorized represe	entative name	Signature	Date
Permittee	Authorized represe	ntative name	Signature	Date
F	OR DEPARTMENT OF E	NVIRONMENTAL QUA	LITY USE ONLY	neo.
			1	

Approved _______ Distribution by DEQ

Lansing Selling Owner

Signature Date Field Acquiring Owner

EQP 7200-7 (rev. 8/2004)

Mail Original and 3 copies to:

OFFICE OF GEOLOGICAL SURVEY
MICHIGAN DEPT OF ENVIRONMENTAL QUALITY

PO BOX 30256 LANSING MI 48909-7756



625 S. Garfield Ave. P.O. Box 809 Traverse City, MI 49685-0809 (231) 947-5490

www.nwbank.com

Irrevocable Letter of Credit # 0511158

Date: November 15, 2005

Expiration Date: November 15, 2006

Wlosinski 2-27 SWD well

Part 615 Supervisor of Wells, 1994 PA 451, as amended

Supervisor of Wells Michigan Department of Environmental Quality P.O. Box 30256 Lansing, MI 48909-7756

We hereby issue our Irrevocable Letter of Credit #0511158 in your favor on behalf of SWD Specialties, LLC, hereinafter known as the Company, for a sum of Twenty Five Thousand Dollars (\$25,000.00), available by your drafts at sight drawn on our institution, Northwestern Bank. Drafts must be marked "Drawn under Northwestern Bank Letter of Credit # 0511158 dated November 15, 2005".

This letter is issued to provide financial assurance to the State of Michigan for the well known as Wlosinskki 2-27 SWD.

The Supervisor of Wells may draw on this Letter of Credit in the event (1) that the Department of Environmental Quality issues a Notice of Violation indicating that the Company has failed to comply with the provisions of PART 615 SUPERVISOR OF WELLS, 1994 PA 451, as amended in the final completion of the aforesaid well or wells. "Final Completion" means the locating, drilling, completing, producing, reworking, plugging, filling of pits, and clean up of well site, including the filing of prescribed records and approval thereof by the Supervisor of Wells; or (2) that the Company fails to provide the Supervisor of Wells with an extension of this Letter of Credit or other financial assurance; or (3) that the Company is adjudged insolvent or bankrupt. The Company shall be deemed, for purposes of this Letter of Credit, adjudged bankrupt upon any petition under Title 11 of the United States Code, filed on the Debtors behalf, and an order for relief granted by any of the United States District of Bankruptcy Courts.

If any provision of this Letter of Credit is construed as ineffective by the court of competent jurisdiction, all other provisions of this Letter of Credit shall remain in full effect and be enforceable pursuant to the effective provisions contained herein.

This Letter of Credit is subject to the Uniform Customs and Practices for Documentary Letters of Credit, 1993 revision of the International Chamber of Commerce, Publication No. 500, and as to matters not governed by the Uniform Customs and Practice for Documentary Credits,

aforementioned, shall be governed by, and construed in accordance with the Uniform Commercial Code of the State of Michigan.

Partial drawings are permitted without canceling the Letter of Credit balance. This original Letter of Credit must be submitted to us together with any drawings thereunder for our endorsement of any payments affected by us and or cancellation.

It is a condition of this Letter of Credit that it shall be automatically extended for additional terms of one (1) year from the present or each future expiration date unless we give the Supervisor of Wells and the Company, at least ninety (90) days before said expiration date, written notice by certified mail, return receipt requested, or hand delivery, that we elect to terminate this Credit at the end of its then current term.

In the event we give notice of our election to terminate this Letter of Credit and SWD Specialties, LLC fails to replace this Letter of Credit with other financial assurances acceptable to the Department, you may draw on this Letter of Credit, up to the aggregate amount, less any prior drafts presented by the Department and paid by us, not sooner than thirty (30) days after the date of such notice by presentation of a draft marked "Drawn under Northwestern Bank Letter of Credit No. 0511158", accompanied by a statement purportedly signed by an authorized representative of the Department reading as follows:

"The Michigan Department of Environmental Quality is making this drawing because SWD Specialties, LLC has failed to replace this Letter of Credit with other financial assurances acceptable to the Department."

We hereby engage with you that drafts in conformity with the terms of this Letter of Credit will be duly honored upon presentation if presented on or after November 15, 2005 and on or before November 15, 2006. The amount of each draft must be endorsed on the reverse of this Letter of Credit by the negotiating financial institution.

William H. Green Vice President FOSTER, SWIFT, COLLINS & SMITH, P.C. Attorneys at Law



LANSING: 313 S. Washington Square Lansing, MI 48933-2193 PH: 517.371.8100

PH: :517.371.8100 FX: 517.371.8200

FARMINGTON HILLS:

Suite 230 32300 Northwestern Hwy. Farmington Hills, MI 48334-1571 PH: 248.539.9900 FX: 248.851.7504

GRAND RAPIDS:

Suite 200 1700 East Beltline, N.E. Grand Rapids, MI 49525-2076 PH: 616.726.2200 FX: 616.726.2299 Walter S. Foster 1878-1961 Richard B. Foster 1908-1996 Theodore W. Swift 1928-2000 John L. Collins 1926-2001

Webb A. Smith Allan J. Claypool Gary J. McRay Robert J. McCullen Srepheo I. Jurmu William K. Fahey Srephen O. Schultz William R. Schulz David H. Aldrich

Scott A. Storey Charles A. Janssen Charles E. Barbieri lames B. lensen, Ir. Scott L. Mandel Michael D. Sanders Sherry A. Stein Brent A. Titus Brian A. Kaser Robert E. McFarland Stephen I. Lowney Patricia A. Calore Jean G. Schtokal Olen A. Schmiege Brian G. Goodenough Matt G. Hrebec Eric E. Doster Stephen J. Rhodes

Melissa J. Jackson Steven H. Lasher Nancy L. Kahn Deanna Swisher Mark 1. Burzych Alan G. Gilchrist Thomas R. Meagher Douglas A. Mielock Peter R. Albertins Scott A. Chernich Donald E. Marrin Paul J. Millenbach Dirk H. Beckwith Brian I. Renaud Bruce A. Vande Vusse Lynwood P. VandenBosch Lawrence Korolewicz James B. Doezema

Alan T. Rogalski Francis G. Seyferth Anne M. Seurynck Richard I Hillman Andrea I. Hool Steven L. Owen lennifer Kilden Deware John P. Nicolucci Francis C. Flood Michael D. Homier Keith A. Castora Rebecca S. Davies Barbara J. Over Claire V. Groen Kirsten M. McNelly Emily L. Matthews Benjamin J. Price Ronald D. Richards, Jr.

Joseph E. Kozely
Pamela C. Dausman
Terrence G. Quinn
Jacqueline E. Bayley
Dana M. Bennett
Radhika P. Drake
Todd W. Hoppe
Sarah J. Gabis
Larry R. Jensen, Jr.
Alison R. Lievense
Eleanore M. Schroeder
Philip E. Hamilton

Of Counsel
Lawrence B. Lindemer
David VanderHaagen.
Michael G. Harrison
Allan O. Maki
Frederick B. Bellamy
Gilbert M. Frimet
Deborah J. Williamson
Peter R. Tolley
Robert C. Greene
Scott H. Hogan
James B. Frakie
Mark J. Colon
Craig R. Petersen

Writer's Direct Phone: (517) 371-8155

Fax: (517) **FECEIVED** 10: Lansing

February 21, 2006

FEB 22 2006

UIC BRANCH EPA REGION 5 Via Federal Express

Stephen Roy (WG165)
Underground Injection Control Program
United States Environmental Protection Agency
77 West Jackson Boulevard
Chicago, IL 60604-3590

Dear Sir:

Re: SWD Specialties/Transfer of UIC Permits

As you are aware, this office represents SWD Specialties, LLC, which informed your agency of the transfer of certain underground injection control permits from Kalkaska Oilfield Services to SWD Specialties, LLC. In that regard, you asked for the Plugging and Abandonment plans for those wells. We now enclose a copy of those plans for your reference. We would ask that you confirm that the agency will consider these UIC permits transferred at the time that the closing occurs regarding the transfer of the wells in question. If you have any questions or comments, please advise.

Very truly yours,

FOSTER, SWIFT, COLLINS & SMITH, P.C.

Charles E. Barbieri

CEB:cas

Enclosures

cc: George Molski (w/o enc.)

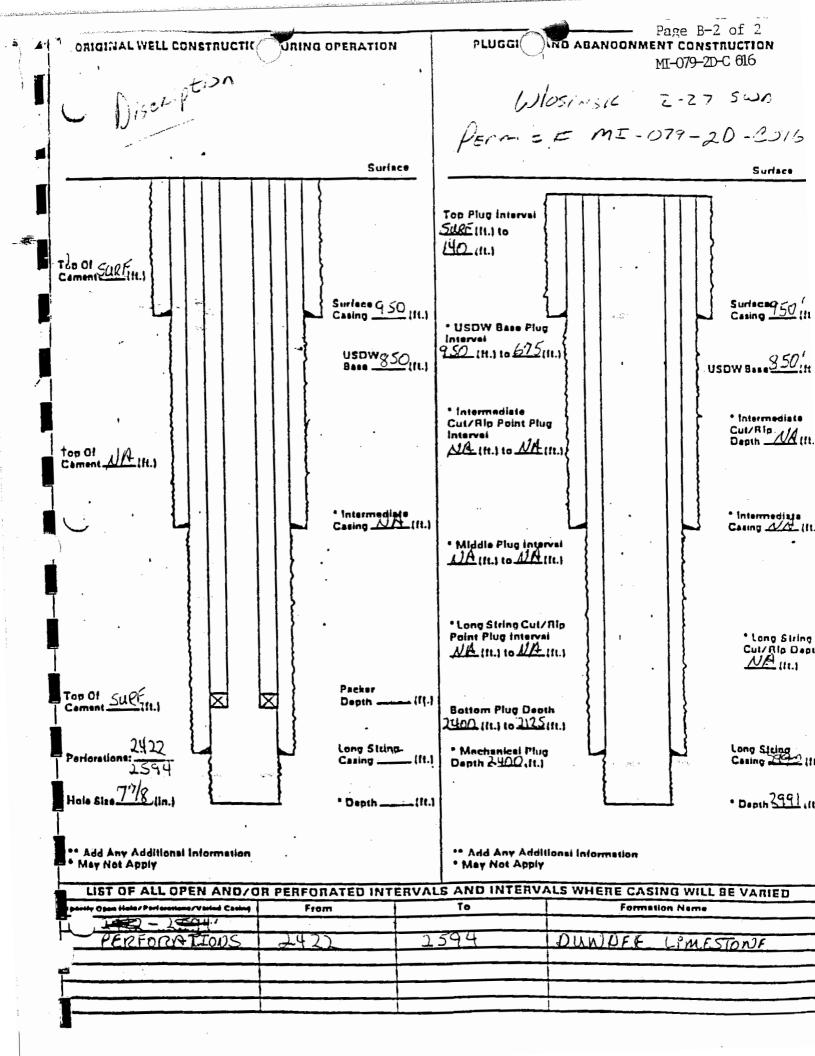
James B. Jensen, Jr. (w/out enc.)

Joe Quandt (w/out enc.)

Larry Organek (w/out enc.)

S:\156\Arrow\roy.doc

-a ::			Service N			OME	B No. 2940-0042	Approval Expires		
		UNITED S	TATE		TAL PROTECTI	ON AGENCY				-2D-C016
			PLUG		AND ABAN		T PLAN			
	Address of Fac #2-27 swd	cility			X 2 2 X	Name and Add	dress of Owner HALTIES, LLC IBUS DR.	•		in an ann an Air
			State		County				Permit Number	
	/ell and Outline		1	МІ	kalkaska				3696	
Section F	Plat - 640 Acres	P	Surface Loca	tion Description	on ct 27 twp 28N	I range 7W	1			
			Locate well in Surface Location And	380	ns from nearest lines ft. From (N/S) ft. From (E/W)	N_Line	and drilling unit e of Quarter Sec e of Quarter Sec			
			1 =	OF AUTI Individu Area Per			WELL		ardous hazardous	
			Number o	Rule	1			☑ Brine	e Disposal nced Recover ocarbon Stora	
	•		Lease Nan	ne	Włosinski		Well Number			
	CAS	ING AND TUBIN	G RECORD	AFTER PI	LUGGING		METHOD OF	EMPLACEMEN	NT OF CEME	NT PLUGS
SIZE	WT (LB/FT)	TO BE PUT IN WELL (FT)		O BE LEFT IN W	ELL (FT)	HOLE SIZE		NA -NI		
11 3/4	42#	90'		90'		driven		ance Method		
8 5/8	32#	950'		950'		12 1/4		mp Bailer Metho a Blug Mothod	oa	
5 1/2	15.5#	2990'		2990'		7 7/8		o Plug Method		
		D ABANDON D Vill Be Placed (inches)		Plug #1	Plug #2 5 1/2	Plug #3 5 1/2	Plug#4	Plug #5	Plug #6	Plug #7
	of Tubing or Drill Pip			400'	950'	140'				
	nt To Be Used (each			20 .	20	15				
	o Be Pumped (cu. Ft	t.)		23.6 2125'	23.6 675'	17.5				
Calculated Top of	of Plug (π.) of Plug (if tagged, ft.)			123	6/5	surface			1	_
Slurry Weight (L			1	5.6	15.6	15.6				
	or Other Material (C		A	١	A	<u>A</u>	<u> </u>			
	ST ALL OPEN From 2422'	I HOLE AND/OI	т	RATED IN Fo 2594'	TERVALS ANI	DINTERVALS From		SING WILL BE	= VARIED (i To Formation D	
Estimated (Cost to Plug W	'ells	<u> </u>							
	I certify under th	e penalty of law tha	t I have exan	nined and an	CERTIFICAT		nitted in this doc	ument and		
	all attachments a I believe that the false information	and that, based on information is true information is true in, including the pos	ny inquiry of , accurate, ar sibility of fine	those indivi nd complete e and impris	duals immediately . I am aware that t	/ responsible for there are significa	obtaining the info	rmation,		
Name and Office	× ///	(Please type or print)	ANAJEC	ignature	1,011	//rom			Date Signed	GC
EPA Form	n 7520-14 (R		110-17004		1 mil					



FOSTER, SWIFT, COLLINS & SMITH, P.C. Attorneys at Law



LANSING:

Lansing, MI 48933-2193 PH: 517.371.8100 FX: 517.371.8200

FARMINGTON HILLS:

Suite 230 32300 Northwestern Hwy. Farmington Hills, MI 48334-1571 PH: 248.539.9900 FX: 248.851.7504

GRAND RAPIDS:

Suite 200 1700 East Beltline, N.E. Grand Rapids, MI 49525-2076 PH: 616.726.2200 FX: 616.726.2299

Walter S. Foster 1878-1961 Richard B. Foster 1908-1996 Theodore W. Swift 1928-2000 John L. Collins 1926-2001

Webb A. Smith Allan J. Claypool Gary J. McRay Robert J. McCullen Stephen I. Jurmu William K. Fahey Stephen O. Schultz William R. Schulz David H. Aldrich

Writer's Direct Phone: 517, 371,8155

January 16, 2006

77 West Jackson Blvd

Storey s A. Janssen Charles E. Barbieri James B. Jensen, Jr. Scott L. Mandel Michael D. Sanders Sherry A. Stein Brent A. Titus Brian A. Kaser Robert E. McFarland Stephen J. Lowney Patricia A. Calore Jean G. Schtokal Glen A. Schmiege Brian G. Goodenough Matt G. Hrebec Eric E. Doster Stephen J. Rhodes

Melissa J. Jackson Steven H. Lasher Nancy L. Kahn Deanna Swisher Mark J. Burzych Alan G. Gilchrist Thomas R. Meagher Douglas A. Mielock Péter R. Albertins Scott A. Chernich Donald E. Martin Jennifer M. Van Horn Paul J. Millenbach Dirk H. Beckwith Brian J. Renaud Bruce A. Vande Vusse Lynwood P. VandenBosch Lawrence Korolewicz

Fax: 517. 367.7155

James B. Doezei Alan T. Rogalski Francis G. Seyferth Anne M. Seurynck Richard L. Hillman Andrea J. Hool Steven L. Owen Jennifer Kildea Dewane John P. Nicolucci Francis C. Flood Michael D. Homier Keith A. Castora Rebecca S. Davies Barbara J. Oyer Claire V. Groen Kirsten M. McNelly Emily L. Matthews Benjamin J. Price

Reply To: Lansing

Ronald D. Richards, Jr. Joseph E. Kozely Pamela C. Dausman Terrence G. Quinn Jacqueline E. Bayley Dana M. Bennett Radhika P. Drake Todd W. Hoppe Sarah J. Gabis Larry R. Jensen, Jr. Alison R. Lievense Eleanore M. Schroeder Philip E. Hamilton

Of Counsel Lawrence B. Lindemer David VanderHaagen Michael G. Harrison Allan O. Maki Frederick B. Bellamy Gilbert M. Frimet Deborah J. Williamson Peter R. Tolley Robert C. Greene Scott H. Hogan Iames B. Frakie Mark J. Colon Craig R. Petersen

JAN 17 2006

UIC BRANCH EPA REGION 5

Via Federal Express

UIC Branch (W-16]) 313 S. Washington Square United States Environmental Protection Agency

Chicago, 1L 60604-3590

Dear Sir:

Region V

Re:

Permit Number: MI-055-2D-C015

Facility Name: State Blair #5-21

Permit Number: MI-079-2D-C016 Facility Name: Włosinski 2-27

Permit Number: MI-065-2D-C007 Facility Name: Barber/Kopicko

Permit Number: MI-025-2D-C003√ Permit Number: MI-10-12D-C030

Facility Name: Kibler/Mather

Facility Name: Miller #23-41

Permit Number: MI-079-2D-C008

Facility Name: Simpson #1-9

Permit Number: MI-079-2D-C001

Facility Name: Hogerheide #1-29 SWD

Permit Number: MI-065-2D-C008 Facility Name: White Oak #1 SWD

Facility Name: Tel B #2-25

Permit Number: MI-035-2D-C028 / Permit Number: MI-055-2D-C033

Facility Name: Wedow State Blair #2-28

As a matter of introduction, this law office represents SWD Specialities, LLC, which is in the process of acquiring the assignment of several leases and purchasing several specific properties which have underground injection control permits regulated by your agency. In an effort to facilitate the transfer of the above Underground Injection Control permits for these wells under 40 CFR 144.38(b), we are providing you with the current permittee's notification, a copy of a written agreement between the existing and new permittee, which contains information regarding the date of transfer and permit responsibility, coverage and liability and notice demonstrating financial responsibility requirements will

December /3, 2005

United States Environmental Protection Agency 77 West Jackson Blvd. Chicago, IL 60604-3590

> Permit Number: MI-079-2D-C016 Facility Name: Wlosinski 2-27

To Whom It May Concern:

This letter is to provide notice of a transfer of an underground injection control permit from Kalkaska Oilfield Services of Kalkaska, Michigan, to SWD Specialties, LLC, 1019 Heatherton Road, P. O. Box 339, Johannesburg, MI 49751 [Bus # 989-732-0735/fax # 989-732-3714], pursuant to 40 CFR 144.38(b)(2). This notice includes a copy of the written agreement between the existing permit holder and the party purchasing the well property. Responsibility for this permit will be transferred on a date after January 15, 2006 when the parties are prepared to close in accordance with the October 5, 2005 Salt Water Disposal Well Purchase and Assignment Agreement.

This transfer will include permit responsibility, coverage and liability between the parties. The buyer, SWD Specialties, LLC, has met the requirements of Section 144.52(a)(7), and has the resources to close, plug and abandon the underground injection operation in a manner prescribed by the Director. See attached documentation.

Sincerely,

KALKASKA OILFIELD SERVICES

Name:

Rick Root Title: Area Manager

4030 Columbus Drive NE

P.O. Box 1090

Kalkaska, MI 49646

Bus # 616-258-6026

S:\323\epa.let.14.wpd

UIC PERMIT TRANSFER AGREEMENT

WHEREAS, Arrow Energy Services, Inc. ("Arrow") and Key Energy Services, Inc. ("Key") entered into an Asset Purchase Agreement on April 29, 2005 to, in part, allow for the transfer of certain underground injection control wells that are permitted in the name of Kalkaska Oilfield Services of Kalkaska, Michigan.

WHEREAS, WellTech Eastern, Inc., Kalkaska Oilfield Services, Inc., Key Energy Services, Inc., and SWD Specialties, LLC entered into a Salt Water Disposal Well Purchase and Assignment Agreement on October 5, 2005 to transfer certain wells.

WHEREAS, in accordance with the aforementioned agreements, SWD Specialties, LLC, will acquire the underground injection control wells: Hogerheide #1-29 SWD, permit MI-079-2D-C001; Simpson #1-9, permit MI-079-2D-C008; White Oak #1 SWD, permit MI-065-2D-C008; Miller #23-41, permit MI-035-2D-C028; Wedow State Blair #2-28, permit MI-055-2D-C033; State Blair #5-21, permit MI-055-2D-C015; Kibler/Mather, permit MI-025-2D-C003; Barber/Kopicko, permit MI-065-2D-C007; Wlosinski #2-27, permit MI-079-2D-C016; and Tel B #2-25, Permit MI-10-12D-C030 ("Underground Injection Control Wells").

WHEREAS, federal regulations require an agreement for transfer of the Underground Injection Control Well permits.

NOW, THEREFORE, in recognition of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and confessed, the parties hereto hereby agree as follows:

- 1. In accordance with 40 CFR 144.38(b)(2), Key and/or its wholly owned subsidiary, Kalkaska Oilfield Services, Inc., shall transfer the permit responsibility, coverage and liability for the Underground Injection Control Wells to SWD Specialties, LLC, on a date after January 15, 2006, when the parties are prepared to close in accordance with the October 5, 2005 Salt Water Disposal Well Purchase and Assignment Agreement.
- 2 . SWD Specialities, LLC, can satisfy the financial responsibility requirements of 40 CFR 144.52(a)(7) for the Underground Injection Control Wells on or before the transfer date specified in paragraph 1 of this Agreement;

The parties hereto have executed this Transfer Agreement as of December 31, 2005.

KALKASKA OILFIELD SERVICES, INC.

Name: Rick Root

Title: <u>Orea Manager</u>

4030 Columbus Drive NE

P. O. Box 1090 Kalkaska, MI 49646 Bus # 616-258-6026

KEY ENERGY SERVICES, INC.

Name: THOMAS G. MURPHY DR.

Title: VP- PERFULAIMORE MANAGEMENT

6 Desta Drive

Midland, TX 79705

Bus # 7/3.851.3721

ARROW ENERGY SERVICES, INC.

Name: George Molski

Title: President

1019 Heatherton Road

P. O. Box 339

Johannesburg, MI 49751 Bus # 989-732-0735

SWD SPECIALITIES, LLG

Name: George Molski

Title: Member

1019 Heatherton Road

P. O. Box 339

Johannesburg, MI 49751 Bus # 989-732-0735 Chief Underground Injection Control Branch U.S. Environmental Protection Agency 77 West Jackson Boulevard, WU-16J Chicago, IL 60604-3590

Dear Sir:

This letter requests that the attached State Bond # LOC 0511158 in the amount of \$25,000 be considered an acceptable mechanism for meeting the Federal Underground Injection Control program financial responsibility requirement for the following well:

1. Well Name:

Wlosinski 2-27 SWD

2. Well Location:

Township Rapid River

Range T28 N R7W

Section 27

NW 1/4 SE 1/4 NW 1/4

County Kalkaska

3. UIC Application #

MI 079-2D-C016

4. SWD Specialties, LLC

Address

10915 Heatherton Road, PO Box 339, Johannesburg, MI 49751

6. Phone

(989) 732-0735

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitted false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

George Molski, Member

Signature

Date Signed

cc:

David R. Davis

S:\156\Arrow\36963.doc



625 S. Garfield Ave. P.O. Box 809 Traverse City, MI 49685-0809 (231) 947-5490

www.nwbank.com

Irrevocable Letter of Credit # 0511158

Date: November 15, 2005

Expiration Date: November 15, 2006

Wlosinski 2-27 SWD well

Part 615 Supervisor of Wells, 1994 PA 451, as amended

Supervisor of Wells Michigan Department of Environmental Quality P.O. Box 30256 Lansing, MI 48909-7756

We hereby issue our Irrevocable Letter of Credit #0511158 in your favor on behalf of SWD Specialties, LLC, hereinafter known as the Company, for a sum of Twenty Five Thousand Dollars (\$25,000.00), available by your drafts at sight drawn on our institution, Northwestern Bank. Drafts must be marked "Drawn under Northwestern Bank Letter of Credit # 0511158 dated November 15, 2005".

This letter is issued to provide financial assurance to the State of Michigan for the well known as Wlosinskki 2-27 SWD.

The Supervisor of Wells may draw on this Letter of Credit in the event (1) that the Department of Environmental Quality issues a Notice of Violation indicating that the Company has failed to comply with the provisions of PART 615 SUPERVISOR OF WELLS, 1994 PA 451, as amended in the final completion of the aforesaid well or wells. "Final Completion" means the locating, drilling, completing, producing, reworking, plugging, filling of pits, and clean up of well site, including the filing of prescribed records and approval thereof by the Supervisor of Wells; or (2) that the Company fails to provide the Supervisor of Wells with an extension of this Letter of Credit or other financial assurance; or (3) that the Company is adjudged insolvent or bankrupt. The Company shall be deemed, for purposes of this Letter of Credit, adjudged bankrupt upon any petition under Title 11 of the United States Code, filed on the Debtors behalf, and an order for relief granted by any of the United States District of Bankruptcy Courts.

If any provision of this Letter of Credit is construed as ineffective by the court of competent jurisdiction, all other provisions of this Letter of Credit shall remain in full effect and be enforceable pursuant to the effective provisions contained herein.

This Letter of Credit is subject to the Uniform Customs and Practices for Documentary Letters of Credit, 1993 revision of the International Chamber of Commerce, Publication No. 500, and as to matters not governed by the Uniform Customs and Practice for Documentary Credits,

aforementioned, shall be governed by, and construed in accordance with the Uniform Commercial Code of the State of Michigan.

Partial drawings are permitted without canceling the Letter of Credit balance. This original Letter of Credit must be submitted to us together with any drawings thereunder for our endorsement of any payments affected by us and or cancellation.

It is a condition of this Letter of Credit that it shall be automatically extended for additional terms of one (1) year from the present or each future expiration date unless we give the Supervisor of Wells and the Company, at least ninety (90) days before said expiration date, written notice by certified mail, return receipt requested, or hand delivery, that we elect to terminate this Credit at the end of its then current term.

In the event we give notice of our election to terminate this Letter of Credit and SWD Specialties, LLC fails to replace this Letter of Credit with other financial assurances acceptable to the Department, you may draw on this Letter of Credit, up to the aggregate amount, less any prior drafts presented by the Department and paid by us, not sooner than thirty (30) days after the date of such notice by presentation of a draft marked "Drawn under Northwestern Bank Letter of Credit No. 0511158", accompanied by a statement purportedly signed by an authorized representative of the Department reading as follows:

"The Michigan Department of Environmental Quality is making this drawing because SWD Specialties, LLC has failed to replace this Letter of Credit with other financial assurances acceptable to the Department."

We hereby engage with you that drafts in conformity with the terms of this Letter of Credit will be duly honored upon presentation if presented on or after November 15, 2005 and on or before November 15, 2006. The amount of each draft must be endorsed on the reverse of this Letter of Credit by the negotiating financial institution.

William H. Green Vice President

Nill HI

Ł₽A→

616 258 3400,# 3/ 3

SENI BI	81 6 1 , 5 322 A	:	
			le. 2000-0042. Approvel expires 9-30-86
	UNITED STATES	ENVIRONMENTAL PROTECTION AGENCY VASHINGTON, DC 20480	
SEPA	APPLICATIO	N TO TRANSFER PERMI	Ţ
NAME AND ADDRESS OF EXISTING PERMITTEE		NAME AND ADDRESS OF SURFACE OWNE	
WellTech Eastern		WellTech Eastern	
	Box 1090	4030 Columbus Dr.	NE PO Box 1090
Kalkaska, MT 49646	STATE COUNTY	Kalkaska MI 49646	PERMIT NUMBER
LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT 840 ACRES		caska	MI 079-2D-C016
SECTION PLAT — THE PARTY OF	SURFACE LOCATION DES		
	NW WOF NE		WASHIP 28N RANGE 0.7W
	LOCATE WELL IN TWO D	RECTIONS FROM NEAREST LINES OF QUAR	TER SECTION AND DRILLING UNIT
1 1 1 1 1	Surface Location 3.8.0ft, from t	N/S) N_ Line of quarter section	
		E.Line of quarter section	_
	WELL ACTIVITY		TYPE OF PERMIT
W E	□ Class I Q-£less II	★1 Operating ☐ Modification / Conversion	Ø Individual ○ Area
	☐Brine Disposel ☐ Enhanced Rece	○ Proposed	Number of Wells 4
	☐ Hydrocarbon Si		
	☐ Class III	•	
┃ 		NA da la da la companya da la compan	
	Lease Name Wlos:	inski Well Numbe	2-27 SWD
NAMES AND ADDRESSES OF NEW OWNERS Kalkaska Oilfield Service	. c	NAME AND ADDRESS OF NEW OPERATOR Kalkaska Oilfield S	: Services
	Box 1090	4030 Columbus Drive	
Kalkaska, MI 49646		Kalkaska MI 49646	
			
Attach to this application a wri	itten agreement be	tween the existing and new per	mittee containing a
specific date for transfer of per	mit responsibility, c	overage, and liability between th	em.
The new permittee must show	evidence of financia	al responsibility by the submissio	n of surety bond, or
		nents or other materials accepts	
This porposed transfer we		hange ownership and	operator to
Kalkaska Ollfield Service		an in-house transfe	
Eastern being the parent	company or	Nathaska Officera Se	2T A T C C D .

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significent penalties for submitting felse information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

David L. Stoops Disposal Manager Wared of Stoops 11-09-97									
David L. Stoops Disposal Manager	NAME AND OFFICE	AL TITLE (Please ty	pe or print)	SIGNATURE	-7	1			
	David L.	Stoops	Disposal	Mana g er	16		S Store	MS	11-09-97

DEQ

MICHIGAN DEPAL LENT OF ENVIRONMENTAL QUALITY - GEOLOGICAL SURVEY DIVISION

WELL PERMITTEE ORGANIZATION REPORT

Required by authority of Part 615 SUPERVISOR OF WELLS and Part 625 MINERAL WELL, Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Non-submission and/or falsification of this information may result in fines and/or imprisonment.

	New Change of Principal	
ORGANIZATION Enter the comple		business addresses and phone number.
1. Company name Kalkaska (as shown on permit to drill)	The state of the s	If organization shown in 1 is a subsidiary or an assumed name (dba), give name and address of associated or parent company or person
Mailing Address P.O. Box City, State, Zip Kalkaska Street Address 4030 Column City, State, Zip Kalkaska Phone 616-258-6026 Fed. ID or Soc. Sec. No. 38 30 3. Current Organization Plan (cheen	MI 49646 mbus Drive, NE MI 49646	Parent Company of Kalkaska Oilfield Services WellTech Eastern, Inc 5976 Venture Way Mt. Pleasant, MI 48858
Corporation	Joint Venture	· · · · · · · · · · · · · · · · · · ·
Partnership	Trust Sole Prop	rietorship Other
& address of previous P.O. B organization PRINCIPALS List all corporate offi	n Production ox 1090 Kalkaska MI 4	9 6 4 6 or shareholders who have the authority to or responsibility for making ng, and plugging of wells. Attach extra sheet if needed.
5. Full Name	Title	Address, if different from address in 1 above
Francis John	CEO - President	Two Tower Center, 10th Floor
Francis Joini	CEO - Fresident	New Brunswick, NJ 08816
VENNEMU C Hill	Vice President	5976 Venture Way, Mt. Plesant MI 48858
KENNETH C. Hill		6010 Hwy 191 Suite 212, Odessa, TX 7976
Danny Evatt William J. Zehnder	Treasurer	5976 Ventrue Way, Mt. Pleasant MI 48858
	Disposal Manager	13770 VEHILLIAC MAY THE TECADAME THE TOUSE
David L. Stoops	DISPOSAT Hanayer	
AGENTS List names of persons, or the above cited Act. 6. Full Name	ther than employees of the organization. Company	who are authorized to submit applications, workplans, or records pursuant to
. Turning	O.H.Dally	The state of the s
		ras prepared under my supervision and direction. The facts stated herein are
true, accurate and complete to the Name & Title (printed or typed)	best of my knowledge." Authorized Signat	ure . Date
David L. Stoops Di	1 . (7)	quel S Story 11-04-97
Mai	il original and one copy to: GEO	LOGICAL SURVEY DIVISION

WICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

PO BOX 30256

LANSING Mi 48909-7756

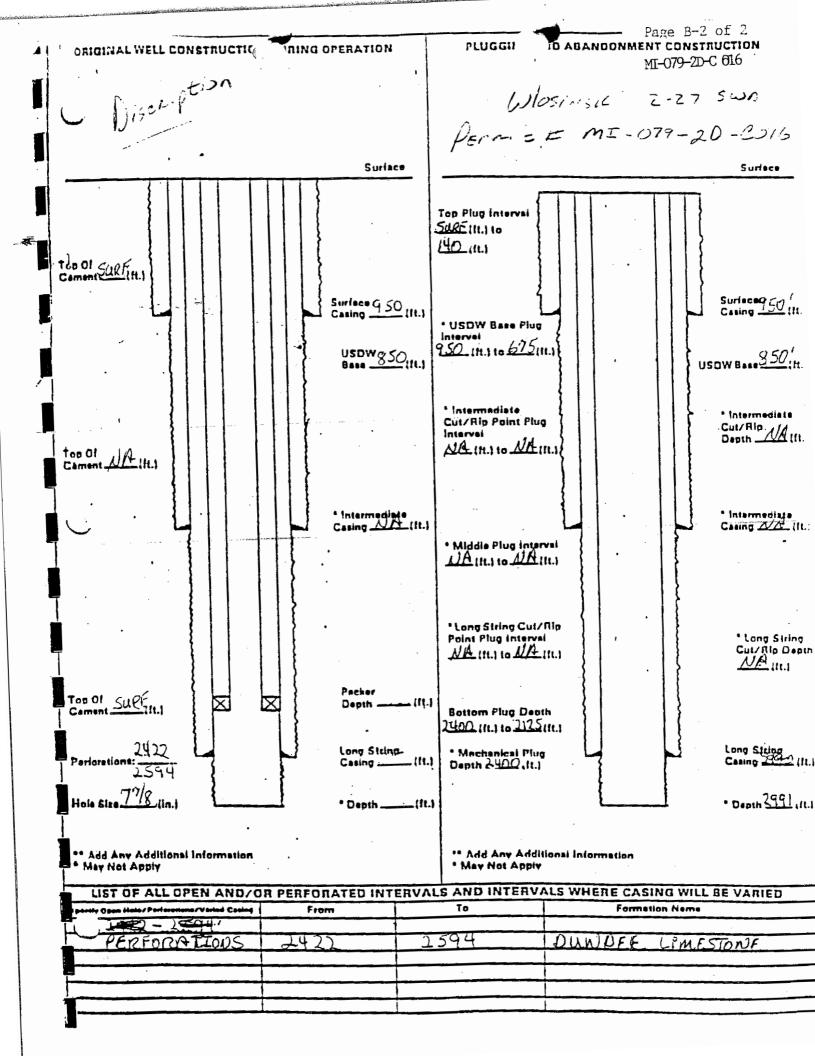
MI-079-2D-0016

PLUGGING AND ABAND NMENT PLAN Page BL of 2.

			1,500	GHAC	, 717	O MOM	ADOTAIA	ICINI PL	MIN		
AME AND ADD	RESS OF FACIL	ITY				NAME AND A	ODRESS OF	WNER/OPER	ATOR		
	WLOSIN	SKI #2-27 SWI)			WE	LLTECH,	EASTERN			
							-		alkaska,	MI 4964	6
· OCATÉ ME	AND OUTLING	A INIT ON	STA"E MI	cou	NTY				PERMIT NO	JMBER 369	63
	L AND OUTLINE AT 640 AC					alkaska		·	MI-07	9-2 ŷ -001	6
	. 4	Α	SURFACE	LOCATIO	N DES	CRIPTION of NE 1/4	of 1/4	of Section 2	7 Township	28N 840	-7W
	$\overline{}$		NW '	VEL IN I	WO DE	RECTIONS FRO	M MEAREST	INES OF OUR	ATER SECTION	ANO DEN LINE	CLINIT
		<u>Ø</u>	1			N/S) N Lin			HIER SECTION	AND DRICE:NO	1 0 MI
			T			E Line of			•		
						THORIZATIO			WELL ACT	IVITY	
w ! ! !		E	∑ Individual G Area I		mit			CLASS I			
	19		• Number		_ 1		!	🗆 Enhand	ced Recovery		
-+-+	-+-+-		(Tumber	DI AAGIE	•	-		□ CLASS II	arbon Storag	0	
			į								
	5		Lease N	lame W	losi	inski		Well Numb	2-2	7 SWD	
	CASING	AND TUBING RECORD	AFTER PLUG	GING					ENT OF CEME	NT PLUGS	
0.56	145° 0			l				ance Method			
51 ZE 11 3/4	42#	TO BE PUT IN WELL IFTY	90 I	CELL IFTH		IVEN	The Dump Bailar Method The Two-Plug Method				
8 5/8	950		12		Other	o-Plug Metho	x d				
51		2990' 7 7/8									
								<u> </u>			
CEM	ENTING TO PLU	G AND ABANDON DAT	Α-	PLUG	#1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #8	PLUG #
		lug Will Be Placed (incl		5 2	101	5 2	5½		ļ:		
	n of Tubing or O			240		950' 20	140 15				
	nt To Re Used (e				3.6	23.6	17.5				
Calculated Top	of Plus (ft.)	cu. It.i		212		675	surfac	e			 _
	of Plug (if tagge	dhi			-						
Slurry Wt. (Lb.			<u></u>	15.	. 6	15.6	15.6	† 	-	 	
	r Other Materia	ii (Çîssa ili)		clas	s A	class A	class A	.1			1
	LIST	ALL OPEN HOLE AND	OR PERFORA	ATED INT	ERVAL	S AND INTERV	ALS WHERE C	ASING WILL E	E VARIED (If an	ıyı	
	From		To			· .	From			To	
24.			2594			Pe	rfs		Format	ion Dur	ndee
<u> </u>											
									 -		
Estimated Coa	to Plug Wells						4	<u></u>			
							₹1				
							. :				
				Ç	ERTI	FICATION					

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment, [Ref. 40 CFR 144.32]

·		
NAME AND OFFICIAL TITLE (Please type or print)	SIGNATURE	DATE SIGNED
Stoke Kniss AssT Mase.	1/1/1/	3-28-96
EPA Form 7520-14		



NAME AND ADDRESS OF FACILITY

UNITED STATES ENVIRONMENTAL PROTECTION AGENC: WASHINGTON. D'

PLUGGING AND ABANLONMENT PLAN

WLOSINSKI #2-27 SWD

NAME AND ADDRESS OF CHINER/OPERATOR Kalkaska Oilfield Services 4030 Columbus Drive NE PO Box 1090

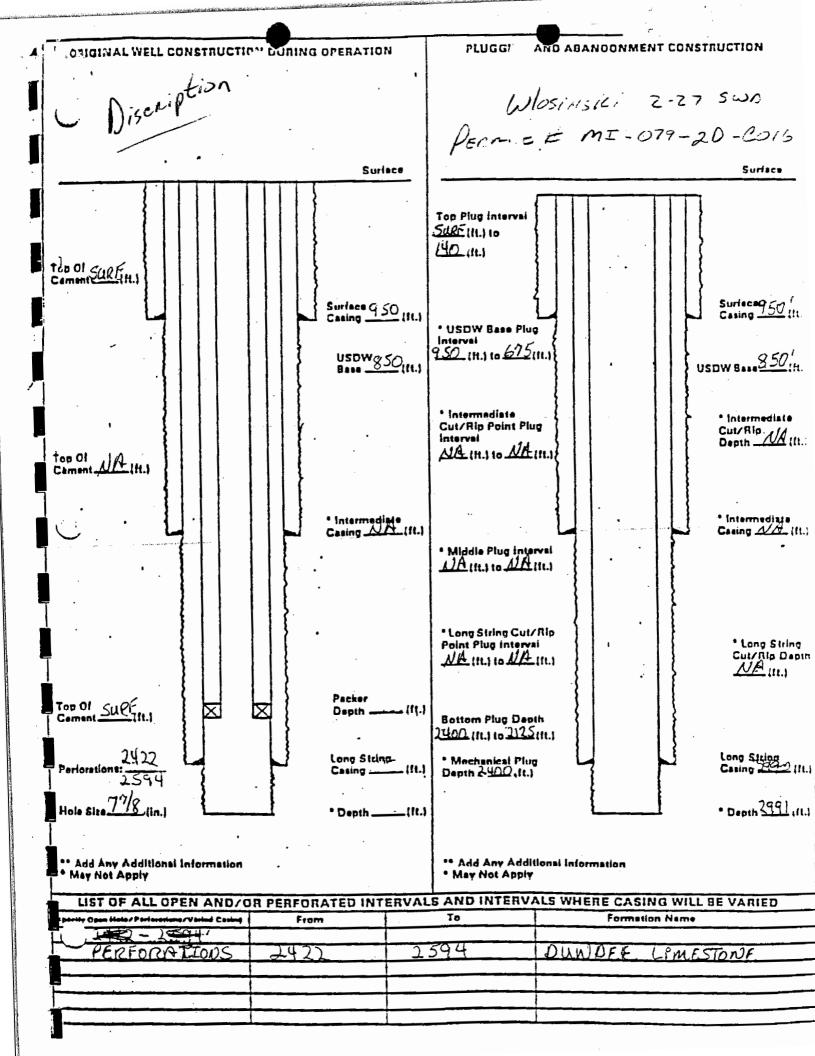
						Kalka	ska MI 4	19646			,,,
LOCAT	C LAUTE A AND COLUTE IAN		· i	STATE	COUN				PERMIT	NUMBER 36	963
	'É WELL, AND OUTLINE ON PLAT 640 AC			MI		Kalkas	ka		MI-0	7 9-20- 00)16
			- (SURFACE	LOCATION	DESCRIPTION			7 -	28N -	717
	N N			NW 1	/4 of NE_	1/4 of <u>NE</u>	1/4 of 1/4	of Section	Z/ Townsh	ip ZON Re	nge <u>/ H</u>
1 :	! ! !	d	ĺ	LOCATE V	VELL IN TW	O DIRECTIONS	FROM NEARES	LINES OF QU	arter Sectio	N AND DRILL!	NG UNIT
				Surface Location	380 _{ft. fr}	om (N/S) N	Line of quester s	lection			
							e of quarter section			•	
						AUTHORIZA			WELL AC	TIVITY	
	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			X Individ	Juai Permi	,		CLASS			
*		E	- 1	☐ Area I		•		M.CLASS I			
 +			31	🗆 Ruk				10 Brine			
	1 10 1	!!!	_	Number	of Wells _	1		•	iced Recovery carbon Stora	-	
				-	21 114			CLASS		,-	
-			i								
					W1.	sinski		1	. 2_3	27 SWD	
	\$!	Lease N	ame	SIUSKI		Well Numb	per Z-2	טאט י.	
	CASING A	AND TUBING RECOR	AFT!	ER PLUGG	ING		МЕТНОВ	OF EMPLACEN	MENT OF CEME	NT PLUGS	
			,					lance Mathod			
SIZE		TO BE PUT IN WELL IFT	_			HOLE SIZE	The Du	mp Bailer Me	thod		
3/4		90'	1	90'		RIVEN		o-Plug Metho	pd by		
5 5/8 5 1	32#	950'		950'		2 1	Other				
J ₂	15.5#	2990'		2990		7/8					
	CEMENTING TO PLUG	AND ARABBON OF				51110 #2	m 1/2 / 45	PLUG #4	ALLE UE	DI LIC HA	- Breece
					PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #
	le or Pipe in which Plu lottom of Tubing or Ori	75.00			2400	950	1401 ce			 	
	ement To Be Used (ea	in a stop (16")			20	20	15	 			+
	ume To Se Pumped (ci				23.6		17.5			 	
	Top of Plug (ft.)	d. 16.3			2125	6751	surfac	e			
	Top of Plug (if tagged	 				-				<u> </u>	†
	(Lb./Gat.)				15.6	15.6	15.6				
	ent or Other Material (Class (II)			class	A class	A class A				
		LL OPEN HOLE AND	OR P	ERFORAT	ED INTERVA	LS AND INTE	VALS WHERE C	ASING WILL B	E VARIED (II an		
	From		-	Ta			From			Tà	
	2422 .		25	94		P	eris		Format	ion Dur	ndee
			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
Estimated	Cost to Plug Wells			 			,				

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate. and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFI	CIAL TITLE (Pleas	ejtype or print)	SIGNATURE	Γ	1	Λ.		
David L.	Stoops	Disposal	Mana	ger	\setminus	and		\mathcal{L}

DATE SIGNED 11-09-97



	nc	3	ΞP	A	_	PER (Collected un	OUND INJE MIT APPL der the authority Sections 1421,	CTION COL ICATION of the Sale Di	NTROL	U	A ID NUMI			T/A C
		: - weathfully the					ATTACHED INS		EFORE STA	RTING				
A; mo	polication (pproved year	Dat mo	e Rece dey	year year	Permit	Well Number				Commer	nts		
						MIS #3	5963							
11.	FACILIT	Y NAM	E AND	ADDR	ESS	-	A STATE OF THE STA	III. OW	NER/OPER	ATOR AND	ADDRES:	S Common Services	2.5	
	cility Na	W				27 SWD		Terr	<u> </u>	y Ltd.	/ Te	nexco, I	nc.	
St NI	7001 Add E/4 S	ress ecti	on 2	7, F	Rapid	d River To	wp .		Address N. Gai	field	Rd.			
Cit T2	ty 28N-R	7W K	alka	ska	Cty	State MI	ZIP Code	City Trav	erse Ci	ty		State MI	ZIP Code 49684	
īV.	OWNE	RSHIP S	TATU	S (Mar	k'x')	A STATE OF	の対対で	V. SIC	CODES 🙈		通 管 多条			
	A. Fede	Igre	□ e. s	State	1	C. Private								
	D. Publ	ic	□ E. 0	Other (4	Explain	ı)								
VI.	WELL S	TATUS				Water Table	DESCRIPTION OF THE PERSON OF T	******						
	k A		mo Da	te Star	red	☐ B. Modifica	tion/Conversion	C. Pro	posed					
<u></u>	Operation	-	8	31		-		water the second	ويوار سيامون بيورس					- C
	. TYPE C				red (M	Number of Exis ing wells 1	ify if required) at Number of Proposed wells	ro- Name(s)	offield(s) or id Rive	• • •				
VIII	I. CLAS	AND 1	YPE C	F WEL	L (see	reverse)	- 30 40-	-21		9				- , , <u>, , , , , , , , , , , , , , , , ,</u>
1	Class	,		Type(s		C. If class is "o	ther" or type is c	ode 'x,' explain	1 1). Number	of wells p	er type (if area	permit)	
	TI			D						2.5.				
IX.	LOCATI		7.7			Township	R OF FIELD OR	PROJECT			X. INDIAN	LANDS (Mari	k 'x')	
-	Deg M	7	_	B. Long Mi		c Twsp Range	Sec 1/4 Sec Fe	et from Line 80 N	Feet from	n Line	☐ Yes	$\mathbf{\Sigma}^{\mathbf{x}_{No}}$		
XI.	ATTAC	MENT:	s a	e v							¥356	44.52		ė (<i>i</i>
	FOR (CLASS opriate	SES I,	. II, III ach п	(and c		separate she) complete an ed. List attacl	d submit on	separate	sheet(s)	Attachn	nents A — l		
		applic				·			errer will	ii ai e ap	·		Cradea W	
XII.		• •				in in the same of			etter will	il ale ap				vēŅ.
XII.	l cer infor thos infor	tify u matic e indi matic	inde on s lividi on is	r the ubm uals s true	e per itted imm e, acc	nalty of lav in this do nediately re curate, and		ve person d all attac for obtain I am awa	ally exa hments ning the re that t	mined and tha inform here ar	and and at, base mation, re signi	n familiai ed on my I believe ificant pei	with the inquiry enthal the that the the that the theta the that the theta the that the theta the that the theta the theta the the theta the	of he or
	l cer infor thos infor subn	tify umatice indication in the control of the contr	inde on s lividi on is g fai	r the ubm uals s true lse ii	e per itted imm e, acc nforn	nalty of lav in this do nediately re curate, and	v that I hav cument and esponsible i complete.	ve person d all attac for obtain I am awa	ally exa hments ning the re that t	mined and tha inform here ar	and and at, base mation, re signi oprison	n familiai ed on my I believe ificant pei	r with the inquiry that the nalties f ef. 40 Ch	of ne or FR
A. N	l cer infor thos infor subn 144.	tify usematic e indi- ematic ematic mittin 32)	inde ion s lividi ion is g fai	r the ubm uals s true lse in	e per itted imm e, acc nforn	nalty of lav in this do nediately re curate, and	v that I hav cument and esponsible i complete.	ve person d all attac for obtain I am awa	ally exa hments ning the re that t	mined and tha inform here ar	and and at, base mation, re signi oprison	m familiai ed on my I believe ificant pei ment. (Re	r with the inquiry that the nalties f ef. 40 Ch	of ne or R
A. N	l cer infor thos infor subn 144.	tify usematic e indi- e indi- ematic mittin 32)	inde ion s lividi ion is g fai	r the ubm uals s true lse in	e per itted imm e, acc nforn	nalty of law in this doc nediately re curate, and nation, inc	v that I hav cument and esponsible i complete.	ve person d all attac for obtain I am awa	ally exa hments ning the re that t	mined and tha inform here ar	and	m familiai ed on my I believe ificant pei ment. (Re	r with the inquiry enthat the nalties feef. 40 CF	of ne or R

23 NOV 150/ MR No. 2040-0042. Expires 9-30-86

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

EPA ID NUMBER	
- CELVED	T/A
ECEIVED	
· ·	- - }

&EPA: UIC

UNDERGROUND INJECTION CONTROL
PERMIT APPLICATION
(Collected under the authority of the Sele Drinking
Water Act. Sections 1421, 1422, 40 CFR 144)

FOR OFFIC										ATTING	101 5	3 1901			
Appl mo	Application approved Date Received mo day year Permit/Well Number							·	>		Commen	TS			
						MI	S #36	963 /	MI-C	779-22	D-0	016 EP	U,Q 5-5	EGION V	
II. F	CILIT	/ NAM	E AND	ADDR	ESS			Vine to		III. OWNE	R/OPE	ATOR AND			
Faci	lity Na	π e ₩	losi	nsk:	i 2-	27 SW	D			Owner/O	perator	Name		nexco, Ir	nc.
Stre NE	Add S	ecti	on 2	27, 1	Rapi	đ Riv	er Tw	p		Street Add		rfield	Rđ.		
City T28	3 N- R	7W K	alka	ska	Cty	•	State MI	ZIP Code		City Trave	rse C	ity		State MI	ZIP Code 49684
1V. C	WNEF	SHIP S	STATU	S (Mai	k 'z')	是古代				V. SIC CO	DES ?		100	对于	
	. Fede	rai	□ e. s	State		∑ C. Pr	ivate					· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
). Publi	c .	□ E. 6	Other (Explair)			•	-				,	
VI, V	VELL S	TATUS	(Mari	'x')					4.						
Z×,			<i>mo</i>	te Star		□ 8.	Modificat	ion/Convers	ion	C. Propos	sed			,	
	peretin		8	31	83					-					
All',	YPE O	F PERI				lark 'z' a	nd specif	y if required) 20				, 40°-		
	L Indiv		□ e.				r of Exist	Number o posed wel	f Pro-			or project(s) ver 27			
			TYPE ()F WE	L/see		()			1					
	Class(e er code			Type(C. If cla	es is "oth	ner" or type i	is code 'i	x,° explsin		D. Number	of wel ls p	er type (if area	permit)
	Ι			D						(3.0					-
	OCATI A. Lat		- T					R OF FIELD (OR PRO.	JECT			X. INDIAN	LANDS (Mari	('x')
00	g M			B. Lon			Range	nd Range Sec 1/2 Sec 27 NE	Feet fro	om Line	Feet fr 920		☐ Yes	. ⊠K _{No}	
XI. A	TTACH	MENT	s a	7. A.				32.318					346		
						estion	s on a	separate s	heet(s)	and num	ber ac	cordingly	r; see ins	tructions)	
								•				•			J (pp 2-6) as
	appro	priate	e. Att	ach n											cluded with
, '	your a	applic	ation	:								· · ·			
XII. C	ERTIF	CATIO	N E		-	4.5	1				(V.)				# 70 To 5 M
1	infor those infor	mati e ind mati nittir	ion s livid ion i:	ubm uals s tru	itted imn e, ac	l in th nediat curat	is doc tely re e, and	ument a sponsibl complet	nd all le for te. I al	l attachi obtaini m aware	ment ing the that	s and th ne infori there a	at, bas mation, re sign	ed on my . I believe ificant pei	r with the inquiry of that the nalties for ef. 40 CFR
A N-	me an	d Title	/Tyne	or Pai-	· · ·		A THE							Phone No. /4-	es Cade and Nn.)
					G G	010		* .			•		0.		941-7919
C. Si	natur	1	/	F	*		-		`				D.	Sate Signad	
	SP	بهعا	res	h /	7 -	Jan	ore						/	116/8	7
PA F	rm 75	20-6	2-84)	0											Page 1 of

KalKasKa

Del Toral

				, 							<u></u>								30-0	
Form							MENTAL PR				1. E	PA ID N	UMBE	R					_	
4	€.	EP,	Λ	'	וטאט			NJECTK PP LIC A		NIRO	L								<u>/A </u>	<u>c</u>
7			4		Calle			thority of the		inkina									- [
UIC								421, 1422												
						READ		D INSTRU			START	ING								
Application		Date	Receiv	red year			Well Num!						Com	ments				•		
						- 079 S #30		-0016				-		-						
II. FACIL	TY NAM	E AND	ADDRE	SS I	ي ر	E m	17		III. OWI	NER/OP	ERAT	OR AN	DADDE	ESS		7.0	3.5		25	Į
	Wlosinski 2-27 SWD									/Operati			TEN			nc.	,			
Street Ac NE/4	trest Address E/4 Section 27, Rapid River Twp									ddress UTI	nto	on P	lac	e,S	uit	e]	106			
City T28N-R7W Kalkaska Cty. State MI							•	City Riv	er F	ore	est		-		L	603	-	_		
IV. OWN	RSHIP	STATUS	(Mark	77 2	3 7	30.00	G2-3	F 19	V. SIC C	ODES	- 24			1	512			1889	*	ξ
V. OWNERSHIP STATUS (Mark 'x') A Federal B. State D.C. Private																				
🗆 D. Put	lic	E. Ot	her <i>(Ex</i>	plain)																ı
VI. WELL	STATUS	(Mark)	7 3	# A	200	1.00	1	STATE OF THE PARTY			1		17.5		2	3		÷ .		2
E}× _A			Started	ء لـــه		Andificat	ion/Conve	raion [C. Proc	need										
Operati	.	mo	7	- -	_ 0. 17				- 0											
			31 8										-5-7						12.5	ų
M. TIPE	JF FERN	MIT REQU	DEZIE			of Exist-	V if require		Name(s) o	d finicite	1000	11111			9.0	5.33		- 1 - ÷	-2	٩
EkA Indi	vidual	□ B. A	rea	1.1	ig well		posed w			d Ri										ı
				- 1		٠.	1	-	wabi											I
7III. CLAS	S AND T	YPE OF	WELL (isae re	verse/	e k	4	16.00	rap.				S	**		र्ज देव			7 =V	-
/III. CLAS	es)	8. Ty	/pe(s)	C				is code 'x		≈	1 1		of well	s per t	ype (if	area (permit)			
/III. CLAS	es)	8. Ty		C				is code 'x		32 £	1 1		of well	s per t	rype (if	area (permit)			
A Class A Class Senter cod	es) esij	8. Ty (enter :	rpe(s) code(s)	, C	. If clas	s is "oth	er" or type		explain	3 2.	D. N	lumber					<u></u>			1000
A Classi A Classi omer cod	ersi) ersi) On OF I	8. Ty (enter :	rpe(s) code(s)	, C	. If clas	s is "oth	er" or type	or PRCJI	explain	3 2.	D. N	lumber					permit)			1833
A Classi A Classi Semer cod II C LOCATI A La	ON OF I	B. Ty (enter D WELL(S)	rpe(s) code(s) OR AP	PROXI	M class	s is "oth	er" or type	OR PRCJI	explain		D. N	lumber	X. IND	AN LA	INDS /	Marz	<u></u>			1993
A Classi A Classi omer cod	ON OF	B. Ty (enter) D WELL(S)	rpe(s) code(s) OR AP	PROXI	MATE Tow	CENTER	or type OF FIELD A Range Sec 1/2 Sec	OR PRCJ!	explain	Feet f	D. N	lumber		AN LA		Marz	<u></u>			
A Classifemer cod II LOCATI A La Deg M	ON OF I	B. Ty (enter) D WELLIS; B. : Deg	OR AP	PROXI	MATE Tow 7wsp	CENTER	of FIELD ad Range Sec 1/2 Sec 7 NE	OR PRCJI	explain	Feet f	D. N	umber Line E	X. (ND)	AN LA	NDS/	Marz	<u></u>			17.0
A Classifemer cod	ON OF I	B. Ty (enter) D WELL(S) B. : Deg	OR AP Longitu Min	PROXI ide Sec	MATE Tow 28N	CENTER TASHIP BET Range 1 7W 2	OF FIELD od Range Sec Sec Sec	OR PRCJI	explain	Feet f	D. N	Line E	X. INDI	AN LA	NDS /	Marx o	<u></u>			N.A. INST
A Classifemer cod II LOCATI A La Oog M ATTACH	ON OF I	B. Ty (enter D) WELLIS: Deg	OR AP Longitu Min	PROXI	MATE Tow 28N	CENTER TISHID BIT Flange 1 7W 2	OF FIELD IN OF FI	OR PRCJI	explain CT Line N	Feet f 920	D. N	Line E	X. IND	AN LA	ANDS /	Mark o	7)			F. A. L.
A Classifemer cod II LOCATI A La Deg M ATTACE (Comi	ON OF I	B. Tylenter of D WELLIS B. : Deg the foliotes J, II,	OR AP Longitu Min Owing Ill (ar	PROXI Jide Sec Ques	MATE Tow 28N stions ner cla	CENTER TISHID BIT Range: 1 7W 2 On 8 \$1 88585) 6	OF FIELD ON Range Sec Sec NE Parate:	OR PRCJE Feet from 380 sheet(s)	Line N mit on s	feet f 920	D. Norom O	Line E singly eet(s)	X. IND	es es nstru	NOS /	Marx o	(pp 2-	5) as		
A Classifemer cod II (LOCATI A La Deg M ATTACH (Comi	ON OF I	B. Tylenter in D WELLIS B. In Deg The folio ES I, II, Attacl	OR AP Longitu Min Owing Ill (ar	PROXI Jide Sec Ques	MATE Tow 28N stions ner cla	CENTER TISHID BIT Range: 1 7W 2 On 8 \$1 88585) 6	OF FIELD ON Range Sec Sec NE Parate:	OR PRCJI	Line N mit on s	feet f 920	D. Norom O	Line E singly eet(s)	X. IND	es es nstru	NOS /	Marx o	(pp 2-	5) as		W. A
A Classifemer cod II LOCATI A La Deg M ATTACH (Comi	ON OF VIITUDE ON OF VIITUDE IMMENTS CLASS Priate Spplica	B. Tylenter in D WELLIS B. In Deg The folio ES I, II, Attacl	OR AP Longitu Min owing Ill (ar	PROXI ide Sec ques	IMATE Tow Twsp 28N stions her cla	CENTER TISHID BIT FRANCE: TW 2 On a Si Sisses) Gequired	of FIELD of Range Sec / Sec / NE Parate : complete d. List at	OR PRCJE Feet from 380 sheet(s)	Line N with the state of the st	feet f 920 mber ac separatter wh	D. Norom O	Line E singly eet(s)	X. IND	es es nstru	NOS /	Marx o	(pp 2-	5) as		
A Classifemer cool II C LOCATI A La Deg M ATTACH (Comi FOR (appro your a	ON OF I	B. Tylenter D WELLIST B: Deg the folio ES I, II, Attacl tion:	OR AP Longitu Min Dwing Ill (ar	PROXI ide Sec ques	MATE Tow ZBN stions her cla	CENTER mship an flange 1 7W 2 on a sasses) Cequired	OF FIELD OF Range Sec Sec 7 NE eparate complete d. List at	OR PRCJI Feet from 380 sheet(s) is and subtachmen	Line N mit on s	feet f 920 aber acter where	D. North	Line E Singly, eet(s)	x IND	es nstru hmer ole ar	NDS // No	Mark o is) — U e incl	(pp 2-(uded	5) as with		
II CLOCATI A Lace CLOCATI A Lace CCOM CCOM CCOM CCOM CCOM CCOM CCOM CCO	ON OF I	B. Tylenter in Degree Belling	OR AP Longitu Min Dwing III (ar h map	PROXI ide Sec ques nd oth	IMATE Tow Twsp 28N stions aer cla	CENTER TRANSPORT TW 2 On a sasses) Cequirect	OF FIELD OF Range FOR NE Parale : Complete D. List at that I I	OR PRCJE 380 sheet(s):	Templain In Line N and num mit on s ts by let	feet f 920 mber acceparanter wh	D. No.	Line E dingly, eet(s) are applications	x IND	es nstru hmer ble ar	EPine iction nts A nd are	Marz o is) — U e incl	(pp 2-luded with	5) as with		
A Classifemer cod II LOCATI A La Deg M ATTACH (Comi FOR (appro your a	ON OF VITUAL SECURITY UNITALION CATION CONTRACTOR CATION CAT	B. Tylenter of Degrammer St. II. Attaclation:	OR AP Longitu Min wing Ill (ar h map	PROXI ide Sec ques nd oth os wh	IMATE Tow Twsp 28N stions her cla	CENTER mship ar Range 1 7W 2 on a s asses) c equirec	OF FIELD of Range Sec 1/2 Sec 1/2 NE eparate : complete d. List at that 1/1 iment a	on PRCJE Feet from 380 sheet(s) and sub- tachmen	Line N want on sts by let	feet fig. 920 mber acceparater what	D. North of the shinch a miles	Line E ingly, eet(s) are ap	x. INDI	nstru hmer am i	End are	oo	(pp 2-luded with	6) as with the y of		
A Classifemer cod II LOCATI A La Oeg M ATTACH FOR (Sppro your a certifi / certifi those	ON OF VITUAL ON ON OF VITUAL ON	B. Tylenter of the folio ES I, II, Attack tion:	OR AP Longitu Min Dwing Ill (ar h map	PROXIDE Sec Ques of other sec of interest of the sec of	IMATE Tow Twsp 28N stions her cla here re	CENTER CENTER Inship ar Range: 1 7W 2 on a si asses) cequirece f law s docu ly res	of FIELD of Range Sec 1/2 NE Parate: complete d. List at that I iment a sponsib	Feet from 380 sheet(s) and subtachment	Line N want on state of the containing of the co	feet f 920 mber ac separater what lly ex ment, ing th	D. North of the same in the interest of the same in th	Line E ingly. eet(s) are appropriate of the offerning of	x. IND	nstru hmer aam f	iction nts And are	Marx o is) — U e incl inry ir	(pp 2-luded with nauir that	5) as with the y of the		100
A Classifemer cod II CLOCATI A La Oeg M ATTACH (Comi FOR (Sppro your a infor those infor subm	ON OF I	MELLIST WELLIST B: Deg the foliotes, III. Attaclation: Index in sub- vidua on is ti	OR AP Longitu Min Dwing Ill (ar h map	PROXI	IMATE Tow Twsp 28N stions her cla here re	CENTER TRANSPORT TW 2 On a sasses) Gequired f law s document ly res and des a	OF FIELD of Range Sec // Sec 27 NE eparate : complete d. List at that // iment a comple	on PRCJE feet from 380 sheet(s) and subtachment have peed all alle for the second subtachment and subtachment	in Line N and num mit on s ts by let ersona attachi obtaini aware	feet f 920 deparament deparament fing the	D. No.	uine E singly, eet(s) are ap	x IND	nstru hmer am t ised n, I nific	familiant part in	Marx o iss) — Use incl eincl eve pens	(pp 2-(uded with nauir that alties	5) as with the y of the for		101
A Classifemer cod II CLOCATI A La Deg M ATTACH (Comi FOR (Sppro your a infort	ON OF I	MELLIST WELLIST B: Deg the foliotes, III. Attaclation: Index in sub- vidua on is ti	OR AP Longitu Min Dwing Ill (ar h map	PROXI	IMATE Tow Twsp 28N stions her cla here re	CENTER TRANSPORT TW 2 On a sasses) Gequired f law s document ly res and des a	OF FIELD of Range Sec // Sec 27 NE eparate : complete d. List at that // iment a comple	sheet(s): and subtachment have peand all ite for ite. I am	in Line N and num mit on s ts by let ersona attachi obtaini aware	feet f 920 deparament deparament fing the	D. No.	uine E singly, eet(s) are ap	x IND	nstru hmer am t ised n, I nific	familiant part in	Marx o iss) — Use incl eincl eve pens	(pp 2-(uded with nauir that alties	5) as with the y of the for		100
A Classifemer cool II C LOCATI A La Deg M ATTACH (Comi FOR (appro your a those infort subm 144.:	ON OF Intude in Section Section CATION CATIO	MELLISI Deg He folio ES I, II, Attaclation: Attaclation: Attaclation: Attaclation: Attaclation: Attaclation: Attaclation:	OR AP Longitu Min Diwing Ill (ar h map	PROXI	IMATE Tow Twsp 28N stions her cla here re	CENTER TRANSPORT TW 2 On a sasses) Gequired f law s document ly res and des a	OF FIELD of Range Sec // Sec 27 NE eparate : complete d. List at that // iment a comple	sheet(s): and subtachment have perfected for the formula of the fo	in Line N and num mit on s ts by let ersona attachi obtaini aware	feet f 920 deparament deparament fing the	D. No.	uine E singly, eet(s) are ap	x INDI ; see i Attac optical and i at, ba natio e sig	nstru hmer hased an, I nific	into And are family on the believant.	Mark o is) — U is incl iliar my ir eve pena (Ref.	(pp 2-luded with nauir that alties 40 (5) as with the y of the for CFR		LINE LINE
A Classioner cool II LOCATI A La Coop M ATTACH Comp M ATTACH Comp M CESTIFI I cert infort those infort subm 144.3	ON OF VITUALS OF THE PROPERTY	B. Tylenter in the folio in substitution:	OR AP Longitu Min Dwing Ill (ar h map the points rue, & e info	PROXIDE Sec Ques of the second	Town 28N 28N are re r	CENTER TISHID BIT Range 1 7W 2 on a sisses) Gequired f law s docu ly res and c inclu	OF FIELD of Range Sec // Sec 27 NE eparate : complete d. List at that // iment a comple	sheet(s): and subtachment have perfected for the formula of the fo	in Line N and num mit on s ts by let ersona attachi obtaini aware	feet f 920 deparament deparament fing the	D. No.	uine E singly, eet(s) are ap	x INDI ; see i Attac optical and i at, ba natio e sig	nstru hmer hased an, I nific	familiant pent.	Marx o is) — U e incl eve pena (Ref.	(pp 2-(luded with nauir that alties 40 (6) as with the y of the for CFR		
A Classifemer cool II C LOCATI A La Deg M ATTACH (Comi FOR (appro your a those infort subm 144.:	ON OF VITUALS OF THE PROPERTY	B. Tylenter in the folio in substitution:	OR AP Longitu Min Dwing Ill (ar h map the points rue, & e info	PROXIDE Sec Ques of the second	Town 28N 28N are re r	CENTER TISHID BIT Range 1 7W 2 on a sisses) Gequired f law s docu ly res and c inclu	OF FIELD of Range Sec // Sec 27 NE eparate : complete d. List at that // iment a comple	sheet(s): and subtachment have perfected for the formula of the fo	in Line N and num mit on s ts by let ersona attachi obtaini aware	feet f 920 deparament deparament fing the	D. No.	uine E singly, eet(s) are ap	x INDI ; see i Attac optical and i at, ba natio e sig	nstru hmer hased an, I nific	familiant pent.	Marx o is) — U e incl eve pena (Ref.	(pp 2-luded with nauir that alties 40 (6) as with the y of the for CFR		
A Classioner cool II LOCATI A La Coop M ATTACH Commerce FOR (Supproved those informations of the coop information of the c	ON OF Notice of the control of the c	B. Tylenter in the folio in substitution:	OR AP Longitu Min Dwing Ill (ar h map the p mistir rue, is e info	PROXIDE Sec Ques of the second	Town 28N 28N are re r	CENTER TISHID BIT Range 1 7W 2 on a sisses) Gequired f law s docu ly res and c inclu	OF FIELD of Range Sec // Sec 27 NE eparate : complete d. List at that // iment a comple	sheet(s): and subtachment have perfected for the formula of the fo	in Line N and num mit on s ts by let ersona attachi obtaini aware	feet f 920 deparament deparament fing the	D. No.	uine E singly, eet(s) are ap	x IND	nstru hmer pole ar am i ased n, i nific	familiant pent.	Marx o is) — U e incl eve pens (Ref. Area 6) 9	(pp 2-(luded with nauir that alties 40 (6) as with the y of the for CFR		

EPA Form 7520-6(2-84)

Page : of

-																			
Form							MENTAL PR				1, E	PA ID	NUME	<u> </u>					
	•				UND			NJECTIC		TRO)L	1						1	/A
4	V	EP	Ά					PPLICA				П							$ \bar{I}$
uic			- •					thority of U 421, 1422			1	U]	- 1
- U.C.								D INSTRU			CTAR	T1010							
Application		1 5-			1			R OFFICIA			3/45	//AG						 -	<u>-</u>
mo de			e Rece	hea.	1	Permit/	Well Numi	ber	1				Con	ament:	5				
		 		1	-	11-0	79-2D	-0016											
		ĺ		1	MA	S #36	563 -		1										
II. FACIL	TY NAM	AE AND	ADDR	ESS	Car E	E. W.	Tries dy		III. OWN	ER/C	PERAT	OR AN	D ADD	RESS	200	1	: 7 ≤	2	235
Facility N	ama				27 SW	TD.			Owner/(Opera	tor Na	me	TEN	EXC	0,1	nc			
Street Ac									Street Ac	ddres	<u> </u>	<u> </u>		·			106		
NE/4	Secti	on 2	7, R	api	d Riv	er Tw	P		Speet A	CI	int	on E	Tac	e,5	ult	,е ₋	T00	_	
City T28N-I	ש זור כ		ale a	C+		State	ZIP Code	•	City Rive	2 173	For:	est.	-			tate	ZIP C		
						MI	 	in =in e				- 13	-	-796	CE TEX	L	603	U5	2 KG
IV. OWNE	HSHIP	STATUS	(Mark	27		A POPULATION OF THE POPULATION		44.5	V. SIC CC	ODES		2		200			***		- 3
A Fed	erai	□ e. s	tate	1	Øc. Pri	ivate								1					
D. Pub	dic	□ E. O	thar /F	-alaia	.1														
VI. WELL						~ <u> </u>			· A Property		نخ جون ا		723	ا جيج		-25			2.32
_	<u> </u>		Starte			Z-CLD-				~		7 2.							
Ø ×▲		mo	47		□ 8. N	dodificati	on/Conve	rsion L	J C. Propo	esed									
Operate	ng	в	31	вз і															
VII. TYPE (OF PER	MIT REC	UEST	ED (M.	ark 's' ar	nd specifi	if require	d) E		2		= 2	75		4		7.34		
						of Exist-			Name(s) of	finid	s) or p	Olecus)						-
⊠kA. Indi	vidual	□ B. A	Vea -	,	ing well		1	-			-,		,						
						• 7	posed w	ella 1		d R	iver	27							
				- 1		1.	posed w	1	Rapio	d R	iver	27							
VIII. CLAS	S AND 1	YPE OF				<u>.</u>	posed w	1		d R	iver	27	¥.ver			ર્જે કહે		3	
A. Ciass	es)			(500	reverse/		are es	is code 'z	Rapio	d R	v s	27 Vumber	of we	is per	type (il	area (permit)		
A. Ciass	es)	8.1	WELL	(500)	reverse/		are es	C 20	Rapio	d R	v s	76	of we	lis per	type (il	area (permit)		
A. Class(ferter cod	es)	B. 1 (enter	WELL Ype(s)	(500)	reverse/		are es	C 20	Rapio	d R	v s	76	of we	lis per	type (il	area (permit)		
II	es) e(s))	B. 1 (enter	WELL ype(s) code(s	. (see i	reverse/ C. If clea	as is "oth	r" or type	is code 'x,	Rapio	⇒ ≥	D. 1	Vumber		lis per	type (if	area (permit)		
A. Class(fermer codd	es) e(s)) On OF	B. 1 (enter	WELL ype(s) code(s	. (see i	reverse/ C. If clea	as is "oth	r" or type	is code 'x,	Rapio	⇒ ≥	D. 1	76				-	permit)		
A Class() (erner cod	ON OF	B. 1 (enter	WELL (ype(s) code(s	PPRO	C. If class XIMATE Tow	CENTER	OF FIELD	is code 'z.	Rapic explain	⇒ ≥	D. 1	Vumber	X. INC	IAN L	ANDS /	Mara			
A. Class(fermer codd	ON OF	B. 1 (enter	WELL (ype(s) code(s	PPRO	C. If class XIMATE Tow Twsp	CENTER miship an	OF FIELD C Range Sec. 1/4 Sec.	OR PRCJE	Rapic	Feet	D. I	lumber		IAN L		Mara			
A. Classi femer cod II X. LOCATI A. Lat Deg. M.	ON OF	E. T. SELLIS B. Deg	WELL [ype(s) code(s) CODE A Longit Min	PPRO ude	C. If class XIMATE Tow 1 Wsp 28N	CENTER TISSUE AND THE TENTER TO THE TENTER T	OF FIELD or Range	OR PRCJE	Rapic	Feet 92	D. I	Vumber	X. INC	IAN L	ANDS /	Mara			
A. Classi femer cod II X. LOCATI A. Lat Deg. M.	ON OF	E. T. SELLIS B. Deg	WELL [ype(s) code(s) CODE A Longit Min	PPRO ude	C. If class XIMATE Tow 1 Wsp 28N	CENTER TISSUE AND THE TENTER TO THE TENTER T	OF FIELD or Range	OR PRCJE	Rapic	Feet 92	D. I	lumber	X. INC	IAN L	ANDS /	Mara			
A. Classi femer cod II X. LOCATI : A Let Deg M.	ON OF stude in Section	B. Tenter D. WELLIS B. B. Congression of the cong	WELL Ype(s) code(s) OR A Longit Min	PPRO:	C. If class XIMATE Town 1 Versp 28N	CENTER miship an Range S 7W 2	OF FIELD C Range Sec 1/ Sec 7 NE	OR PRCJE	Rapic	Feet 92	D. I	umber Line E	X. INC	Yes	ANDS /	Marx			
A. Classi (Jemer code II X. LOCATI Deg M. I. ATTACH (Comp	ON OF Itude in Second S	B. To fenter I. S. Deg	WELL Ype(s) code(s) OR A Longit Min	PPRO:	XIMATE Towsp 28N	CENTER miship an Range S 7W 2	OF FIELD C Range Sec // Sec 7 NE	OR PRCJE	Rapic	Feet 92	p. I	Line E	X. INC	Yes instru	ANDS /	Mark o	2)		
A Classi (Jemer cod II X LOCATI C A Let Deg M. I ATTACH (Comp	ON OF stude in Second CLASS	B. 1 (enter D WELLIS B. 1 Deg he foil ES I, I	WELL Ype(s) Code(s) Code(s) Longit Min Owing	PPRO:	XIMATE Tows: Iwsp 28N estions	CENTER miship and Range 5 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range 7 NE	OR PRCJE Feet from 380 sheet(s) a and sub-	Rapic CT	Feet 92	from 00	Line E ingly eet(s)	X. INC	Yes instru	ANDS /	Marx o	(pp 2-6	as	
A Classi Jemer cod II X LOCATI A Let Deg M. I ATTACH (Comp	ON OF itude in Second CLASS priate	MELLIS B Deg he foil ES I, II	WELL Ype(s) Code(s) Code(s) Longit Min Owing	PPRO:	XIMATE Tows: Iwsp 28N estions	CENTER miship and Range 5 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range 7 NE	OR PRCJE	Rapic CT	Feet 92	from 00	Line E ingly eet(s)	X. INC	Yes instru	ANDS /	Marx o	(pp 2-6	as	
A Classi (Jemer cod II X LOCATI A Lat Deg M. I ATTACH (Comp FOR (appro your a	ON OF ITUDE IN Section	WELLIS B Deg he foil ES I, II Attaction:	WELL (ype(s) code(s) Code(s) Longit Mun owing J. III (a	PPRO:	XIMATE Tows: Iwsp 28N estions	CENTER miship and Range 5 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range 7 NE	OR PRCJE Feet from 380 sheet(s) a and sub-	Rapic CT	Feet 92	from 00	Line E ingly eet(s)	X. INC	Yes instru	ANDS /	Marx o	(pp 2-6	as	
A Classi Jemer cod II X LOCATI A Let Deg M. I ATTACH (Comp	ON OF ITUDE IN Section	WELLIS B Deg he foil ES I, II Attaction:	WELL (ype(s) code(s) Code(s) Longit Mun owing J. III (a	PPRO:	XIMATE Tows: Iwsp 28N estions	CENTER miship and Range 5 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range 7 NE	OR PRCJE Feet from 380 sheet(s) a and sub-	Rapic CT	Feet 92	from 00	Line E Lingly eet(s)	X. INC	Yes instru	ANDS /	Marx o	(pp 2-6	as	
A Classi femer cod II X LOCATI A Let Comp FOR C appro your a	ON OF itude in Section Section CLASS priate in police to carrion	MELLIS B Deg he foil ES I, II Attaction:	WELL (ype(s)) code(s) COR A Longit Min Owing I, III (a	PPRO que nd or ps w	XIMATE Towsp 28N estions ther cla	CENTER miship and Range S 7W 2 on a see asses) C equired	OF FIELD C Range Sec 1/4 Sec Paparate Sec Complete List att	OR PRCJE Feet from 380 sheet(s) a and sub-	Rapid	Feet 92	from 0	Line E Lingly eet(s) are ap	x. inc	Yes instructions to the second	EXN.	Mars o is) — U e incl	(pp 2-6 uded v	as with	
A. Classi (emer cod II X. LOCATI X. LOCATI Deg M. Comp FOR (Sppro your a	ON OF itude in Section Section CLASS priate ipplica	MELLIS B B C Deg he foil ES I, I Attaction:	WELL (ype(s) code(s) Code(s) Longit Min owing , III (a	PPRO que nd or ps w	XIMATE Town Twsp 28N estions ther cla	CENTER miship an Range S 7W 2	OF FIELD C Rance Fee V Sec NE Parate S Complete I. List att	OR PRCJE Feet from 380 sheet(s) a and sub- achment	Rapid Paris Ind numination sets by letters	Feet 92	from 00 accordate shich	Line E eet(s) are ap	x. INC	Yes instructions ble as	EXN.	Mars o is) — U e incl	(pp 2-6 uded v	a) as with	
A. Classic femer cod II X. LOCATI A Lat Deg M. (Companyour a ppro your a feet information.)	ON OF ITUDE IN SECULATION CATION CONTRACTOR IN CONTRACTOR	MELLIS B. 1 Genter Deg he foli ES I, II Attaction:	WELL (ype(s) code(s) code(s) longit Min owing l, III (a ch ma	PPRO: ude Sec nd or ps w	XIMATE Town 28N estions ther cla where re	CENTER miship an Range S 7W 2 on a seases) of equired	OF FIELD C Range lec 1/2 Sec 7 NE eparate s complete I. List att that 1 h ment a	OR PRCJE Feet from 380 sheet(s) a and sub- achment	Rapid and Indian	Feet 92 ber a eparater w	from 0	Line E dingly eet(s) are ap	x. INC	instruction of the second of t	ENN. Jetion Ints A are and are on n	Mars o is) — U(e incl my in	(pp 2-luded with	i) as with the y of	
A Classi Jemer cod II X LOCATI A Let Comp FOR C appro your a CERTIFI I cert infori those	ON OF itude in Section Section CATION of itude in Section CATION of itude in a section in a sect	WELLIS B. Deg he foll ES I, II. Attaction: nder vidua	WELL (ype(s) code(s) longit Min owing I, III (a th ma	PPRODUCE Second of ps w	XIMATE Town 7 28N Sthere relative relat	CENTER mship and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7 NE eparate s complete 1. List att that I h ment a ponsib.	OR PRCJE Feet from 380 sheet(s) a and substanting are per and all a le for of	Rapid	Feet 922 ber a epara er w	from 10 accordate shich is an in the in	Line E dingly eet(s) are ap	x. INC	instruction arm in a seed on, I	ANDS /	oo	(pp 2-6 uded with nouiry that	i) as with the the the	
A Classi JENNE CONTROL A Let Ong M. LATTACH (Comp. FOR C. appro your a certifications informations informations	ON OF itude in Sensitive to CLASS priate ipplica cation indication	MELLIS B. Deg Che foil ES I, II Attaction: Inder In suit	WELL (ype(s) code(s) OR A Longit Min owing I, III (a the interior	PPRO: ude Sec ond or ps w	XIMATE Town 28N estions there re alty o in this ediate urate,	CENTER mahio and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and subject mention all a life for or gre. I am	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x. INC ; see Attacoplica and at, ba nation	instruction of the arms of the	uction nts A nd are on n belicant,	Mara o is) — U i e incl my in eve pena	(pp 2-6 uded with nauir) that	the of the for	
A Classi (emer cod II X LOCATI A Let Oeg M. I. ATTACH (Comp FOR C appro your a I. CERTIF! I cert infort those infort subm	ON OF itude in Section Section CATION	MELLIS B. Deg Che foil ES I, II Attaction: Inder In suit	WELL (ype(s) code(s) OR A Longit Min owing I, III (a the interior	PPRO: ude Sec ond or ps w	XIMATE Town 28N estions there re alty o in this ediate urate,	CENTER mahio and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and substanting are per and all a le for of	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x. INC ; see Attacoplica and at, ba nation	instruction of the arms of the	uction nts A nd are on n believant,	Mara o is) — U i e incl my in eve pena	(pp 2-6 uded with nauir) that	the of the for	
A Classi JENNE CONTROL A Let Ong M. LATTACH (Comp. FOR C. appro your a certifications informations informations	ON OF itude in Section Section CATION	MELLIS B. Deg Che foil ES I, II Attaction: Inder In suit	WELL (ype(s) code(s) OR A Longit Min owing I, III (a the interior	PPRO: ude Sec ond or ps w	XIMATE Town 28N estions there re alty o in this ediate urate,	CENTER mahio and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and subject mention all a life for or gre. I am	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x. INC ; see Attacoplica and at, ba nation	instruction of the arms of the	uction nts A nd are on n believant,	Mara o is) — U i e incl my in eve pena	(pp 2-6 uded with nauir) that	the of the for	
A Classi (emer cod II X LOCATI A Let Oeg M. Comp FOR C appro your a CERTIFI I cert inform those inform 5 ubm 144.3	ON OF itude in Section Section CATION in ation intting 32)	MELLIS B Deg he foil ES I, II Attaction: nder n suit	WELL (VPGE) COOCHS COOCHS (COOCHS) (COO	PPRO: ude Sec ond or ps w	XIMATE Town 28N estions there re alty o in this ediate urate,	CENTER mahio and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and subject mention all a life for or gre. I am	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x.inc	instruction in the second in t	ands /	Mark o is) — U(is) iny irr eve pena (Ref.	(pp 2-tuded with nauiry that alties 40 0	the of the for	
A Classi (emer cod II X LOCATI A Let Deg M. I ATTACH (Come FOR C appro your a informations informations 144.3	ON OF itude in Section Selected to CLASS priate application of indications and itude in itude	MELLIS B. Deg He foll ES I, II. Attach Attach ividual r fals Ivide or i	WELL (Special) Code(s)	PPRODUCTION OF THE PRODUCTION	XIMATE Town Twsp 28N estions there re where re where re where re where re alty o in this ediate urate, ation,	CENTER miship and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and subject mention all a life for or gre. I am	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x.inc	instruction in the second in t	ands /	Mark o is) — U(is) iny irr eve pena (Ref.	(pp 2-6 uded with nauir) that	the of the for	
A Classi (emer cod II X LOCATI A Let Oeg M. Comp FOR C appro your a CERTIFI I cert inform those inform 5 ubm 144.3	ON OF itude in Section Selected to CLASS priate application of indications and itude in itude	MELLIS B. Deg He foll ES I, II. Attach Attach ividual r fals Ivide or i	WELL (Special) Code(s)	PPRODUCTION OF THE PRODUCTION	XIMATE Town Twsp 28N estions there re where re where re where re where re alty o in this ediate urate, ation,	CENTER miship and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and subject mention all a life for or gre. I am	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x.inc	instruction in the second in t	and are believent.	Mara o is) — U e incl iliar in eve pena (Ref.	(pp 2-tuded with nauiry that alties 40 0	the for CFR	
A Classi Jemer cod II X LOCATI A Lat Oeg M. Comp FOR C appro your a CERTIFI Inform those inform subm 144.3	ON OF itude in Section Selected to CLASS priate application of indications and itude in itude	MELLIS B. Deg He foll ES I, II. Attach Attach ividual r fals Ivide or i	WELL (Special) Code(s)	PPRODUCTION OF THE PRODUCTION	XIMATE Town Twsp 28N estions there re where re where re where re where re alty o in this ediate urate, ation,	CENTER miship and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and subject mention all a life for or gre. I am	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x. INC. ; see Attacoplica and at, barration e signification prisc	instruction of the all and instructions of the all and	and are family on the heart, pent.	Mara o is) — U (is incl inv ir eve pena (Ref. (Area 6) 9	(pp 2-6 uded with nauir) that alties 40 (the for CFR	
A Classi (emer cod II X LOCATI A Let Deg M. I ATTACH (Come FOR C appro your a informations informations 144.3	ON OF itude in Section Selected to CLASS priate application of indications and itude in itude	MELLIS B. Deg He foll ES I, II. Attach Attach ividual r fals Ivide or i	WELL (Special) Code(s)	PPRODUCTION OF THE PRODUCTION	XIMATE Town Twsp 28N estions there re where re where re where re where re alty o in this ediate urate, ation,	CENTER miship and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and subject mention all a life for or gre. I am	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x. INC. ; see Attacoplica and at, barration e signification prisc	instruction of the arm is a market of the arm is a seed on, I miffed on the arm is a market of the arm is a market	Jamin and are sent on re he	Mara o ins) — U e incl insy in eve pena (Ref.	(pp 2-6 uded with nauir) that alties 40 (the for CFR	
A Classi lemer cod II LOCATI A Lat Oeg M. Comp FOR Cappro your a CERTIFI I cert inform those inform 144.3	ON OF itude in Section Selected to CLASS priate application of indications and itude in itude	MELLIS B. Deg He foll ES I, II. Attach Attach ividual r fals Ivide or i	WELL (Special) Code(s)	PPRODUCTION OF THE PRODUCTION	XIMATE Town Twsp 28N estions there re where re where re where re where re alty o in this ediate urate, ation,	CENTER miship and Range S 7W 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF FIELD of Range for 1/2 Sec 7/NE parate shomplete it. List att that 1 himent a ponsible complete	OR PRCJE Feet from 380 sheet(s) a and subject mention all a life for or gre. I am	Rapic cr in Line N ind numi mit on se is by letter rsonall intachmin aware	Feet 92	from 10 second te shich is an interest the interest the	Line E dingly eet(s) are appropriate of the information of the informa	x. INC. ; see Attacoplica and at, barration e signification prisc	instruction of the arm is a market of the arm is a seed on, I miffed on the arm is a market of the arm is a market	and are family on the heart, pent.	Mara o ins) — U e incl insy in eve pena (Ref.	(pp 2-6 uded with nauir) that alties 40 (the for CFR	

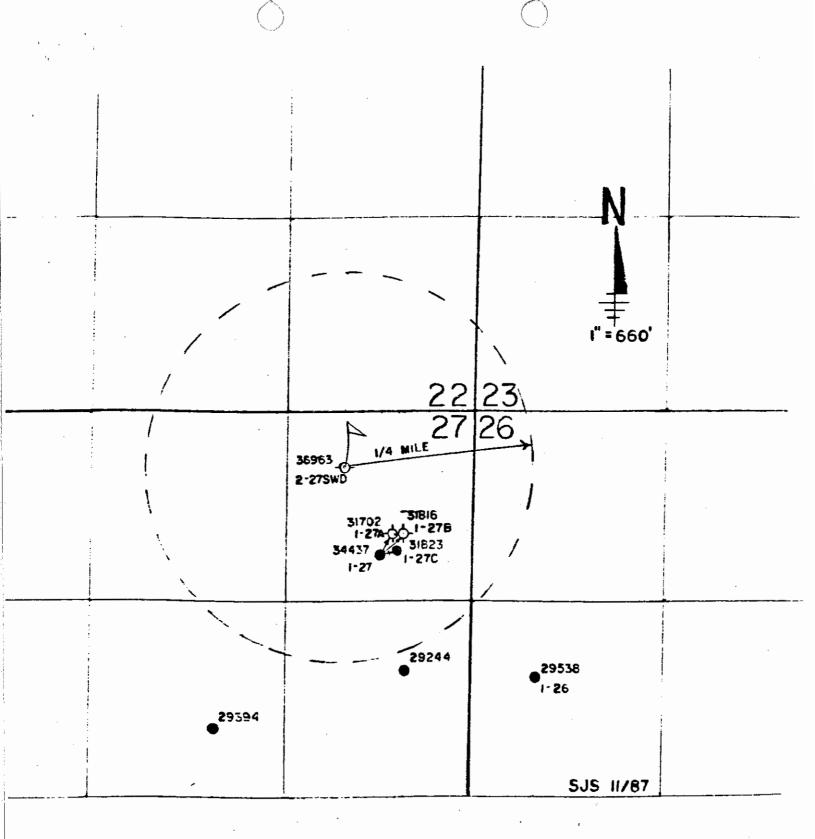
EPA Form 7520-6(2-84)

KALKASKA

Page 1 of 5

ATTACHMENT "A"
WLOSINSKI #2-27 SWD
TENEXCO, INC.

ATTACHMENT "B"
WLOSINSKI #2-27 SWD
TENEXCO, INC.



WLOSINSKI#2-27SWD I/4 Mile Radius Map NE/4 Sec 27 T28N-R7W ATTACHMENT "C"
WLOSINSKI #2-27 SWD
TENEXCO, INC.

Corrective Action Plan:

Should upward fluid migration occur through the well bore of any previously unknown, improperly plugged or unplugged well in the area of review due to injection of permitted fluid, injection will be shut-in until proper plugging can be accomplished. Any flowage from such undiscovered wells will be considered noncompliance with this permit. Should any problem develop in the casing of the injection well, injection will be shut-in until such repairs can be made as to remedy the situation.

Γ						UNITED STATES	ENVIRONA WASHINGT			SENCY		
1	PEP	A_{\perp}				WELL			ECORD	,		
Т	MEANDAC ENEXCO 14 Cli iver I). IN	С.		3365	106		RHE 403			. :	
	LOCATE	WELL AND	OUTLIN	E UNIT ON		STATE	YTAUCS		,		PERMIT NUMBER MI = 079 - 2D - 0016	
	SECT	ION PLAT	— 640 A	CRES		MI SURFACE LE	Kalk		N			
					- 1	2,77		'4 OF			OWNSHIP 28N RANGE 7W	
				0		Surface 3	80h. from	(N/S)	Line of quar	ter section	TER SECTION AND DRILLING UNIT	
	+_+			<u> </u>			t from IE/V		ne of quarter s	Betare Rework	TYPE OF PERMIT	
w	 	Sec	27		E	Brine □ Enhance		iτγ	4400	After Rework	& Individual Area Number of Wells 1	
	- -		— -	 - 		Lease N			10/19	rk Commenced	Well Number 2-27 SWD	
						Wlosi	nski			rk Completed	1 2-27 3 8 0	
	1 1	<u> </u>		[]	j				10/21	/88	<u> </u>	
		sing		-	6	WELL CASIN	G RECO			DRK I	Acid or Fracture	
	Size	Der	eth.	Secus	Camer	Type	From	Pertoration	To To	†	Treatment Record	
13		100		Drive		л · · · · · · · · ·	1					
8	5/8 1/2	1900 14400	}	Circ to			2824		4334	1 25.000 ga	al 20% HCL	
		1 4400	<u></u>	CILC W	301	1000 A	2024		4994	22,000 ga	41 20% HOL	
		1			_ [-							
		!		WELL CAS	SINGR	ECORD - A	TER REV	VORK //o	dicate Additu	ons and Changes O	n/vi	
	Ca	ing			Cemer			Perforance]	Acid or Fracture	
-	\$ize	Dec		Sacks		Type	From		Ta		Freetment Record	
۲_	1./2	12734					See a	ttac	ned	<u>2500 gal</u> 2500 gal	15% HCL 28% HCL	
						t 2734				1	20% 1102	
										1		
		!					 			<u> </u>		
	D	ESCAIBE	REWO	RK OPERA	TIONS I	N DETAIL	<u> </u>	<u>'</u>		WIRE LINE LOGS. LI	ST EACH TYPE	
		USE ADO	DITIONA	L SHEETS					Log Typ	es	Logged Intervals	
<u>S</u>	ee at	tache	<u>d</u>					<u>Ne</u> 1	ıtron	1	2734-2300	
						,						
								i				
CERTIFICATION I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of line and imprisonment. (Ref. 40 CFR 144.32).												
MZ	ME AND OF	ICIAL TITE	E (Please	t (ypt or prin	11/	SIGN	ATURE		1	0	DATE SIGNED	
St	ephen	J. S	avoi	e, Geo	olog	ist	the	un	-1/1	ival	10/24/88	

EPA Form 7520-12 (2-84)

DAILY COMPLETION REPORT TERRA ENERGY, LTD.

WELL NAME: WLOSINSKI #2-27 SWD ELEV: KB: Rapid River Twp., Kalkaska County GL: LOCATION: CONTRACTOR: Rhea Well Services/Rig #105 10-19-88 PTD: DATE:

10-19-88

1:00 p.m.- Moved In & Rigged up Rhea Well Services Rig #105. Dug small reserve pit, installed liner. Flowed well to frac tanks for 5 hrs - recovered approximately 800 bbls brine. Nippled up BOP's, released packer and S.I.O.N.

Daily cost: \$ 2,250.00

Bleed pressure, removed wellhead, TOH with 90 jts of 2-7/8" 10-20-88 tubing and packer. TIH with Baker K-l cement retainer on 89 jts on 2-7/8", set retainer at 2765'. Rigged up Dowell pump truck, pressure tested tubing to 2500# for 5 minutes tested OK. Pressure tested casing for 5 minutes - tested OK. Estimated injection rate down tubing, pumped 17 bbls fresh water at 2 bpm at 1050#. Pulled out of retainer, circulated hole down with fresh water, stung back into retainer, squeezed perfs 2824-4334' with 180 sx Class A with .8% D127. Pulled out of retainer, layed down 1 jt, left 30' cement above retainer, reversed tubing clean.

Rigged down Dowell, TOH with 2-7/8" tubing, secured well

Daily cost: \$ 6,700.00 Cum. cost: \$ 8,950.00

and S.I.O.N.

Rigged up NL McCullough, run in hole with Neutron log, log 10-21-88 from plug back TD 2734' to 2300'. Correlated with Schlumberger Neutron Porosity log. TIH with 4" casing gun, perforated 2 JSPF from 2582-94', 2568-74', 2548-52', 2536-42', 2424-30', 2486-92', 2472-76', and 2422-28'. TIH with Baker AD-1 tension packer seating nipple on 84 jts of 2-7/8" tubing to 2603'. Rigged up Dowell, broke circulation to ensure hole was balanced. Spotted 4-1/2 bbls 15% HCL across perfs 2414-2594', pulled packer to 2367', pumped 40 bbls coreban inhibited fresh water down casing. Nippled down BOP's, set packer with 18,000#. Nippled up wellhead, put 500# on casing. Dowell acidized perfs with 2500 gallons 15%, followed by 2500 gallons 28%. Flushed with 5000 gallons fresh water.

> Maximum pressure = 900# Minimum pressure = 500#

Average inj. rate = 5 BPM at 700#.

Final pump presure = 500#

Injection test of 1-1/4 bbl p/min at 500# with fresh water.

S.I.O.N.

Daily cost: \$ 12,150.00 \$ 21,100.00 Cum. cost:

HCHIGAN URAL RESOURCES STATE DEPARTMENT OF

PF NUMBER 36963	-
DEEPENING PERMIT NUMBER	

. LO	G OF	OIL	GAS. DI	SPOSAL	OR STORA	GE WELL	_ (ACT 61)	<u></u>	~) ~)						
	Su	imdı	t in DUPLICA	TE Within 3	0 Days after	Well Comple	tion		DE	EPENING	PERM	IIT NU	MBER			
NAME(S) &	ADDRE	SS C	F OWNER(S	S) SHOWN (ON PERMIT		NAME & A	DDRESS	L QF_0	RILLING	CONT	RACT	OR(S)			·
Tenex	co,	Ιn	C•		_		NAME & A									
414 C	lint	on	Place	Suit	e 106					ate Wa		3 d r d	,			
1			t, IL				Mr.	Pieas	an	t, MI						
LEASE NAM					PERMIT							ECTIO	NALL NO		ILLED	,
Wlosi			-27 (S	SWD)		TOWNSHII		RANGI					PNAM			
SURFACE L				27	-	28N		1	W		I -		Riv			
NW N			rth/South)	. ~ 1			ast/West)				CO	UNTY	NAME			
			orth_	ine and	920	_Ft. from	East L	ine of qua	rter	ection	K	alk	aska	1		-
SUBSURFAC	CE LOC	ATI	ON	SECTION		TOWNSHII	Р	RANG	E		TO	WNSH	PNAM	E		
FOOTAGES		/ 610	rth/South)			<u> </u>	ast/West)				COL	INITY	NAME			
1 .				ine and				_ine of qua	rter	section		51411	II CWIL			
DRILLIN				TOTAL D	EPTH OF WE	LL	TYPE WE									
8/19	/83			Driller_4	400 609	4407	1	SWD				I	ELEVA	TION	s	
A DRILLIN	ORILLING COMPLETED FORMATION AT T.D. 8/27/83 Rass Island						FT. DRLD			rools	K.8	085		R.F.	084.	2
1'1							From Su			<u> </u>	R.T				<i>7</i> 04•	
8/31		FD		PRODUCI	NG FORMAT	IUN(S)	From]7.1			Grd.	71.	, 5
L				L												
	CASING	3, C	ASING LINE	RS AND CE	MENTING					PERFO	HATI	ONS		·		<u>-</u>
SIZE			RE SET	СЕМ	ENT	Ft. Pulled	DATE	NUME HOL		INTER	RVAL	PERFO	RATE	D	OPI	,
13 3/8 8 5/8	1 0	00 00	- F	Circ	to surf	None	Se	e Att		ned					YES	NO
5 \frac{1}{3}	44) sks	None		1100	<u> </u>			-71				
	7.1				to surf											
	L						<u>t </u>									
	GE	เกรร	PAY INTE	RVALS			ALL OTHE	R OIL AN	D G.	AS SHOWS	OBSE	RVED	ORLO	OGGE	D	
FORMA			DIL OF GAS		то	Ι		OIL	_				E OBS			
10111111		+		7,7,0		FORM	ATION	OR GAS		DEPTH	Sam- ples	Odor	Pits	Mud Line	Gas Log.	F _I II Up
		_							\dashv		↓	ļ	<u> </u>			<u> </u>
				<u> </u>								<u> </u>				Ĺ
-	STIMU	LAT	ION BY AC	ID OR FRA	CTURING		WAT	ER FILL (JP (I	·.U.) OR L	OST C	RCU	ATION	N (L.C	.) (X)	
DATE	nte	rva!	Treated	Materia	s and amount	used	FORM	IATION	F	.U. L.C.	DEP	тн		АМО	UNT	
	Al	1 1	Perfs	25,00	00 G 209	%							<u> </u>			
							ļ <u> </u>		4				ļ			
				-			<u> </u>		+				<u> </u>			
					···		 		\dashv				-		-	
L			L			1		-								
	MECHA	NIC	AL LOGS, L	IST EACH	TYPE RUN		DEPTH CO	RRECTIC	N	DEVIATIO	ON SU	RVEY	PLU	JGGE	D BAC	:K
Brand		(x)		TYPES	LOGGED IN	· · · · · · · · · · · · · · · · · · ·	DEPTH	CORRECT	Γ'N	RUN AT	DEG	REES	YES	NO	DEF	γTΗ
Schlumberger		X	SNP	- GR	200	- TD		ļ <u>-</u>			┼		 	1	—	
Birdwell \					ļ		-	 			+		 -	┼	 -	
Q E							. .		┪		+		 	-	-	-
101.			<u>.</u>				·	<u> </u>		,	L		и		<u> </u>	
					·····	ODUCTION										
Oil - Bbis/	day G	RAV	ITY - OAP	CONO. B	bls/day GA	AS - MCF/da	ay WATE	R — Bbis/d	ayH	2S – Grain	s/100	cu. ft.	B.H.P	. ANI	DEP	TH
SWD		_														
I AM RESPO	NSIBLE	FO	R THIS REP	ORT. THE	INFORMATIO	ON IS COM	PLETE ANI	CORRE	27		,	n				
DATE /OF /O		T	NAME AND	TITLE (PR	INT)			SIGNOT	URE			1.				
1/27/81	Ł	\perp	Bruce	FTT13/	Operati	lons Ma	anager	1///	u	nZI			-			

		STATE OF MICHIGAN MENT CHE NATURAL RESOR		MAR O		PERMIT		ht H				
LO	G OF OIL, GAS, D	ISPOSAL OR STORA ATE Withir 36 Days after:	GE WELL	_ (ACT 61) 110h	I	DEEPLNI		ERVIT	NUP BE	R		
	The second			NAME & AC	ssion	Road		ONTH i:/6	ACTORIS OP 90	0 47. V		
: LASE NAM	S & WELL NUMBER					•			CTIONAL	LVD	ดีนันใน	
SUBFACE I	•	SECTION	TOWNSHI 281	P	RANGE		<u> </u>	TOW	VSHIP NA	ME		
		7777	(E _Ft from_	est/West) 13.5. Lii	ne of quar	ter section	-	ÇOUN - G Ì	MAN YTI	E		
1 /2		SECTION	TOWNSHI	P	RANGE			1 4	SHIP NA	iver		
<u> </u>		ine and	Ft. from	ost West! (25 L		rter section		COUN	MAN Y D ENE GN	E E		
DRILLIA	<u>i</u>	Driller FACE Log	615	TYPE WEL	011				ELE\	ATIO	45	
17:13.11.		FORMATION AT T.D. Valing-Miaga:		From STIT	Ece _{to}		-	<u></u>	8.1		95.	<u> </u>
E WELL CO	MPLETED	PRODUCING FORMAT	10N(S)	From /				A.T.	,	Gra 10	<u>64.5</u>	5
. (CASING CASING LINE	RS AND CEMENTING				PEF	FOR	ATION	vs		<u> </u>	
S:Z€ 	WHERE SET	CEMENT 150 EXS.	Ft. Pulled	DATE	HOL	ES IN			PFORAT	ED	YES	NO
# 5/5 ½ E = 15.5	4+31 <u>02</u>	700 sxs.	none	5-21-1 5-26-	C1 16	2.5	2 0-	(E2)	7.7			X Y
				9-10- 9-28-	31, 12			<u> (48</u> <u>551</u>			Y Y	
same su	GROSS PAY INTE	. 28872, 31° RVALS	702, 3	1916, 7		D GAS SH	ows (OBSER	VED OR	LOGG	D	
FORMA	Hs and	FROM TO	FORM	ATION	OIL OR GAS	DEPT	н	Sam- pies	HERE OF	Muc	Gas Log	F /4:
	pil -										ļ	
* ** ;	STIMULATION BY AC	ed ortalismo	is we.	11 <u>1</u> 2516 WATE	សក្សភ R FILL (to te	e: RLO	(a.c.t. ist cir	ly th	L S ON IL	ame cixe	لببا £ عَه
DA'E	mterval Treated	Materials and amount	used	FORM	AT10N	FU I.	С	DEPT	н	AM	DUNT	
			1									
· ():	•						+-	<u>-</u> -				
•	r Mohamual logs l	IST, EACH TYPE RUN	i	DEPTH CO	RRECTIC	TT I		N SUR	VEY P	LUGG	D BAC	
		All Land	1: 4\ A. S.	2:07.	**a*********	∿्री भा ∧्	A T	i CE GAR	विजी भ	·] ·	·]; [**************************************

3+5004055

TO BE FILED AITH SUPERV SOR OF WELLT AITHIN 30 DAYS AFTER COMPLETION OF YELL (ACTIET PLA. 939 AND ACTIES P.A. 1937)

SHEVET IN DESCRICATE

Page 3 - 4 AV 18: 35 07 / 445 4 JR 78 74754 with the medical Company P. O. Ban 660 Tyler, Texas 75701 717 AUDHESS OF ERIELING CONTRACT The Englishing Corporation of Texas P. O. Bor. 2218 Willas, Taxas 77221 430 AELL AU. 11.0.53 Ulosias'ct 22872 1-27 TWP. RANGE SE NE NE 27 25N COUNTY Rapid River Kalkaska Ft. from Line and Ft. from Line of querter section i 990 Lavis belling betan 330 East North DATE DRILLING COMPLETED DATE WELL COMPLETED TYPE OF WELL 5-23-72 6-17-72 7-11-72 011 ELEVATION KB SUPMATION COMPLETED IN R.F TOTAL DEPTH RB AT GRO "lagaran 1091 6850 1104 TOOLS CABLE TOOLS * *D:Tr Feet to From Feet to Feet Feet 0 6850

		CASING AND	CEMENTING	,		PERFORATIONS			EUUS Deviai	TOX SIGNEY
1	SITE	WHERE SET	CEMENT	AMOUNT PULLED	DATE	NO. HOLES	FROM	TC	DEPTH	.CORRECTED TO
,	16	92	150		6-22-72	30	6486	6516	482	1-3/4
	a-5/8	1002	700						748	3/4
	5-1/2	6677.	750				1		1540	1
									2256	1-1/2
;							1	! !	2614	3/4
1	-								3419	3/4

OIL OR GAS ZONES WATER ZONES DEVIATION SURVEY FE BULLION FORMATION F ROM AMOUNT RUN AT DEGREES FROM AMOUNT ΤO 3/4 Niagaran 6385 6516 131' **37**+2 4710 3/4 2 5600 6537 1-1/4 1 - 1/46572

SALD FRAC OR ACID TREATMENT

MECHANICAL LOGS RUN

, 2417	FROM	TO	GUANTITY	CHARE	(x)	TYPE LOG .	INTERVAL LOGGED
6 m/c=12	6486	6516	1000 Gal.	Schlumberger	X	SNP	1400-6665
12.65/2	1			Shelwell		BHC SONIC	200-6836
	:			Birdwell	- }	FDC	1400-5666
	!		1	Burgener		MLL	1400-6563
	!		,	Other		CNL	5200-6847
				1		LL	1010-6654

Oil Field (10) Dry Hole MTD 6760

27-28N-7W Rapid River Twp. (Kalkaska Co.)

TVD 6743 in Niagaran (46)

Wiser Oil Company

Permit No. 317C2

Note: Drilled from Same Surface Location as Permit No. 28872.

L. J. Wlosinski et al #1-27A

Surface Location: SE 1/4 NE 1/4 NE 1/4 Section 27, T.28N, R.7W.

990 feet from North and 330 feet from East line of quarter section

Subsurface Location: SE 1/4 NE 1/4 NE 1/4 Section 27, T.28N, R.7W.

860 feet from North and 460 feet from East line of quarter section.

This well record assembly is a compilation of well data filed by or on behalf of the operator, as required by Act 61, P.A. 1939, as amended; formation tops and stratigraphic intervals determined or confirmed where possible by Geological Survey Division personnel from mechanical logs and preliminary information collected while drilling was in progress. Records compiled by Michael Korris, Geologist.

Elevations: 1106.5 Kelly Bushing (use for datums), 1091 Ground

Formation tops and stratigraphic intervals determined or confirmed by Geological Survey Division personnel from Schlumberger Compensated Neutron-Formation Density and Gamma Ray logs and records filed by operator.

ALL	TOPS ARE TRU	E VERTICAL DEPTH	
PLEISTOCENE:		SILURIAN:	
Drift to	445	Bass Islands	4394
MISSISSIPPIAN:		Salina G Unit	4723
Coldwater	445	F Evaporites	4768
Sunbury	9 32	E Unit	5559
DEVONIAN:		D Evaporites	5703
Ellsworth	942	. C Unit	5739
Antrim	1482	B Unit	5820
Traverse Formation	1647	B Evaporite	5852
Traverse Limestone	1716	A2 Carbonate	6251
Bell Shale	2350	A2 Evaporite	6 369
Dundee	2438	Al Carbonate	6457
Detroit River	2669	Al Evaporite	6 576
Amherstburg	3722	Niagaran	6605
Sylvania Eq		Gray Niagaran	6035
Bois Blanc	3914		

Preliminary or pre-reported formation tops and other well information obtained from Geological Survey Division field reports compiled while drilling was in progress.

ALL	TOPS ARE TRUE \	/ERTICAL DEPTH	
9rift	414 Sj.	D Evaporite	5702 Sj.
Sunbury	890 Sj.	C Unit	5740 Sj.
Antrim	1425 S.i	B Unit	5862 Sj.
Traverse Formation	1646 SJ.	A2 Carbonate	6251 Sj.
Traverse Limestone	1706 Sj.	A2 Evaporite	6 368 S j.
Detroit River Anhydrite	2648 Sj .	Al Carbonate	6 458 Sj.
Bois Blanc	3918 Sj.	Al Evaporite	6578 Sj.
Bass Islands	4396 Sj.	Brown Niagaran	6607 S j.
n to heat	1223 St.	Gray Niaceran	6636 S j.

Page 1 of 7

DIRECTIONAL HOLE Oil Field Well (10) Dry Hole MTD 6734

27-28N-7N

Rapid River Twp. (Kalkaska Co.)

TVD 6700 in Niagaran (46)

Note:

Directional hole with same surface location as previously drilled straight hole Permit No. 28872 and previously drilled directional hole Permit No. 31792.

The Wiser Oil Company

Permit No. 31816

L. J. klosinski et al #1-27B

Surface Location: SE 1/4 NE 1/4 NE 1/4 Section 27, T.28N, R.7W.

990 feet from North and 330 feet from East line of quarter section.

Subsurface Location: SE 1/4 NE 1/4 NE 1/4 Section 27, T.28N, R.7W.
849 feet from North and 493 feet from East line of quarter section.

This well record assembly is a compilation of well data filed by or on behalf of the operator, as required by Act 61, P.A. 1939, as amended; formation tops and stratigraphic intervals determined or confirmed where possible by Geological Survey Division personnel from mechanical logs and preliminary information collected while drilling was in progress. Records compiled by R. C. Elowski, Geologist.

Elevations: 1106.5 Kelly Bushing (use for datums below 3000').

1104 Kelly Bushing (use for datums to 3000'), 1091 Ground

Formation tops and stratigraphic intervals determined or confirmed by Geological Survey Division personnel from Schlumberger Berelole Compensated Sonic and Compensated Neutron-Formation Density logs and records filed by operator.

ALL	TOPS ARE	TRUE VERTICAL DEPTH	
PLEISTOCENE:		Bois Blanc	4158
Drift to	444	SILURIAN:	
MISSISSIPPIAN:		Bass Is la nds	4393
Coldwater	444	Salina G Unit	4723
Sunbury	931	F Evaporites	4768
DEVCNIAN:		E Unit	5560
Ellsworth	941	D Evaporites	5702
Antrim	1481	C Unit	573 8
Traverse Formation	1647	B Unit	5 820
Traverse Limestone	3714	B Evaporite	5 860
Bell Shale	23 50	A2 Carbonate	6248
Dundee	2437	A2 Evaporite	6 366
Detroit River	2600	Al Carbonate	6441
Amherstburg	37 13	Al Evaporite	6 56 2
Sylvania	3913	Niagaran	6569

Preliminary or pre-reported formation tops and other well information obtained from Geological Survey Division field reports compiled while drilling was in progress.

ALL	TOPS ARE TRUE	VERTICAL DEPTH	
Drift	444 Sj.	D Evaporite	5702 Sj.
Sunbury	8 9 0 Sj.	C Unit	5739 \$j.
Antrim	1425 SJ.	B Evaporite	5860 Sj.
Traverse Formation	1646 SJ.	A2 Carbonate	6247 Sj.
Traverse Limestone	1706 Sj.	A2 Evaporite	6367 Sj.
D + + Piune Antudete		Al Carbonate	6432 5 j.

Page 1 of 6

DIRECTIONAL HOLE Oil Field (11)

011 Well MTD 6683

27-28N-7W

Rapid River Twp. (Kalkaska Co.)

TVD 6665 in Niagaran (46)

The Wiser Oil Company

Permit No. 31823

Note: Same Surface Location as F.N. 28872, 31702, and P.N. 31816.

L. J. Wiosinski et al 1-27C

Surface Location: SE 1/4 NE 1/4 NE 1/4

SE 1/4 NE 1/4 NE 1/4 Section 27, T.28N, R.7W.

990 feet from North and 330 feet from East line of quarter section

Subsurface Location: SE 1/4 NE 1/4 NE 1/4 Section 27, T.28N, R.7W.

963 feet from North and 537 feet from East line of quarter section

This well record assembly is a compilation of well data filed by or on behalf of the operator, as required by Act 61, P.A. 1939, as amended; formation tops and stratigraphic intervals determined or confirmed where possible by Geological Survey Division personnel from mechanical logs and preliminary information collected while drilling was in progress. Records compiled by Allan G. Ostrander, Geologist.

Elevations: 1106.5 Kelly Bushing (use for datums), 1091 Ground

Formation tops and stratigraphic intervals determined or confirmed by Geological Survey Division personnel from Schlumberger Borehole Compensated-Compensated Neutron-Formation Density and Gamma Ray logs and records filed by operator.

ALL	TOPS ARE TRI	JE VERTICAL DEPTH	
PLEISTOCENE:		Sylvania-Bois Blanc	3909
Drift to	445	SILURIAN:	
MISSISSIPPIAN:		Bass Islands	4383
Coldwater	445	Salina G Unit	4713
Sunbury	932	F Evaporites	4757
DEVONIAN:		E Unit	5 563
Ellsworth	942	D Evaporites	5 685
Antrim	1482	C Unit	5743
Traverse Formation	1648	B Unit	5 823
Traverse Limestone	1766	A2 Carbonate	6243
Bell Shale	2350	A2 Evaporite	6350
Dundee	2439	Al Carbonate	6416
Detroit River	2660	Miagaran	6507
Amherstburg	3727		

Preliminary or pre-reported formation tops and other well information obtained from Geological Survey Division field reports compiled while drilling was in progress.

ALL	TOPS ARE TRUE	VERTICAL DEPTH	
Drift	444 Sj.	E Unit	5564 Sj.
Sunbury	890 S j.	D Evaporite	5721 Sj.
Antrim	1425 Sj.	C Unit	5740 Sj.
Traverse Formation	1646 Sj.	B Evaporite	5865 Sj.
Traverse Limestone	170€ Sj.	A2 Carbonate	6253 SJ.
Patroit River Anhydrite	2648 S J.	A2 Evaporite	6371 Sj.
Bois Blanc	392J Sj.	Al Carbonate	6421 SJ.
Salina G Unit	4726 Sj.	Brown Niagaran	6535 Sj.

The following documents are reproductions of official records submitted by:

Page 2		The second second second second	TU FE FILED I	MAIN SUPERVISO DVPLETION OF V AND ACT 325	TILLIACT E	1 P.A. 14	39 S		DUFT	CAYE
चिक्षण र देशका					-SIFESS .	SA 9 0	3 OPEK			•
i Cheil	Oil Co	ompany	4.19 · · ·			Box				
Ĺ			• •		.2.	erse	City,	<u>Lichië</u> :	in 49684	
HAVE OF JOILLIN	S CO4.845.4	P			200 S C	F DRILLING	C	3		
Chapm	an Dril	ling,	Inc.			₽ox				
			, å,		Lafa	7.ette	, Louis	siana 7	7050]	
PARO RAGE					AELL NO		PERMI	T NO.	D.P. NO)
Flook				•	1-25	<u> </u>		29,538		
NW/4		Stat /h		•	40'7233 26		TWP.	281	PANGE	7\\
TORVERIP	<u> </u>	13.	•		26 ·			20.1		<u> </u>
Papid	River	· · · · · ·	4.7		K	alkas	ka	····		
POSTAGE	81.7	Ft. from	<u> </u>	Line and	46	, F	t. from		Line of	quarter secti
DATE DRILLING BE		0.4	South TE DRILLING COMP	LETED	DATE WELL		EO	Yest TYPE O	F WELL	
12-02			12-17-73	!		25-74			0il	
FORMATION COMP			TAL BEPTH	į.	ELEVATION		RB	RT	RF	GRO
Salina-N	lagaran		6688		TABLE TOO	110	ــــــــــــــــــــــــــــــــــــــ			11090
From	0	Feet to	6688	Feet	From		· · · · · · · · · · · · · · · · · · ·	Feet to		Fe
. 1	CASING AN	D CEYENTIN	VG		PERF	ORATION	3		DEPTH C	ORRECTION
SIZE	WHERE SET	CEMENT		DATE		O. HOLES	FROM	то	DEPTH	CORRECTED '
16"	110' 645'	600	None None	2-22-7	-	3	6531	6539	-	
8 5/8"	3450	4000	x None							• • • • •
5 1/2"31	197-666	7 10508	x None							
	,	7								
	OIL OR GA	S ZONES			WATE	R ZONES			DEVIATIO	ON SURVEY
FORMATION	FROM	TO	AMOUNT	FORMATIC	FI	ROM I	0 A	MOUNT	RUN AT	DEGREE
Salina-Nia	igaran	1 6 5 11 0	:			ļ				
		1 6540				}				
			to make a second							
-										
SAND	FRAC OR A	CID TREATM	ENT	· · · · · · · · · · · · · · · · · · ·		MEC	HANICAL L	OGS RUN		
DATE	FROM	70	QUANTITY	89240	(x)		TYPE LOG	-	INTERV	AL LOSSED
2-22-74	6531		1200 gal	Schlumberger	Х	SNP			*	- 6664
2. 24-74	6531'	6539'	1200 gal	Shelwell Birdwell		BHC	-GR			- 6654' - 6654'
				Burgener		LL				- 6651'
				Other						
	i	i !		1	1	1			11	

PRODUCTION DATA

AND ACT 326 P.A. 1937) 1.46 6 - 4 ราการี ค.ย.ครื่อง ซึ่งว่า ซูเซียน์มาซื้อส ALTRESS OF CANER OR OPERATOR Hailwell, Inc. 22154 West Nine Mile Road Southfield, Michigan NAS TOF UP LEING CONTRACTOR ADDRESS OF DRILLING CONTRACTOR Don Yohe Drilling Company Bennie Wyatt Armada, Michigan STATE TANKE PERMIT NO. 9.F. NJ. Hill-Finsterwald 29244 ---DCATION SECTION RANGE TWP. NE SE NE 27 **26N** 74 COUNTY Kalkaska Rapid River COTAGE Ft. from Line of questor section Ft. from Line and 460 South East TE DATE THE BESTY DATE DRILLING COMPLETED DATE WELL COMPLETED TYPE OF WELL 5-2-73 OH KON 3-24-73 4-10-73 FORMATION COMPLETED IN TOTAL DEPTH ELEVATION GRE 1104 1001 1105 . 1105 1105 Niag. 6679 BOTARY TOOLS CABLE TOOLS From 0 Feet to Feet to 6679 TO Feet Fe- 5 PERFORATIONS DEPTH CORRECTION CASING AND CEMENTING CEMENT WHERE SET AMOUNT PULLED NO. HOLES FROM CONTROL TO SIZE DATE TO DEPTH 16" 73፣ Drive None 1733 . ..1733 5-2-73 18 6520 6538 8 5/8" 997 40 0/C None 6345 6355 ST... 35 O/C 5 1/2 OD 6630 None OIL OR GAS ZONES WATER ZONES **DEVIATION SURVEY** AMOUN PORVATION FLOM AMOUNT FROM RUN AT DEGREES FORMATION TÇ 2235 10 Niag. 6420 6570 **4**548 ្សា ្ 1/20 6345 NO TESTS SAND FRAC OR ACID TREATMENT MECHANICAL LOGS RUN TYPE LOG INTERVAL LOGGED DATE FROM TO QUANTITY BRAND **Schlumberger** 200-6559 CNL, GR, FDC, DLL 5-2-73 6520 6538 1700 glas. Shelwell Birdwell Burgener Other **PRODUCTION DATA** MCF GAS CASING - PSI TUBING - PSI 80P0 WELL COMPLETED PRESSURES: 2000 2 000 000 F : 10 100

Page 2	- 5				AFTER CO	AND ACT 32			1 F.A	. 1 835	g t - sangrupe			· — · · · · L			
She		il Con	pany				P.	0.	Box	55	openator 2 y, Mich		9684	-			
Cha;		Drill		Inc.			P.	٥.	Box	52:	CONTRACTO 343 2. 7050						
Curtin-State Rapid River							WELL N	5. 27	•	<u></u>	PERM 29				D.P. NO		
SE SW 1	NE						SECTION 27				TWP.	281			RANGE 71	1	
Rapid Rive	er						COUNTY		ca.							,	
460			Ft. Iro		South	Line and	860					est			ive of ((uarte:	80
9-01-73	3				DAILLING COMP 9-21-73	ETEO	7ED DATE WELL COMPLETED TYPE OF 10-02-73 011										
URMATION COMP aline-Nies STARY TOOLS					. DEPTH 676		1055.	3-			A S		RY		AF		ir.d
From C)		Feet to		6676	Feet	From					Fe	et to	·			
		NG AND	-				P1			IONS		_			PTH C		
16"	10	S SET	CEMI		AMOUNT PULLED	10-6-73		NC.	2 2	. 25_	6525	6:	527	1 DEF1		CORAC	
11 3/4' 8 5/8' 5 1/2'	71 347 667	6'	500 745	ex									, Garan				•
	OIL	OR GAS	S ZONES				l	ATE	ZON	ES	<u> </u>	1_		DEV	VIATIO	N SUR	VE'
FORMATION		FROM	TO	1	AMOUNT	FORMATI	OH	FR	OM:	TO		MOU	NT.		TAB	_	ÇĞ.
Salina-Nia		n 6452 6306	6638 6452												, , , , , , , , , , , , , , , , , , ,		
7442	ERAC	OR AC	ID TREA	TMENT	,			-		MECH	IANICAL	1.00	 C D11N1	<u> </u>		<u> </u>	-
		ROM I	70	, , , , , , , , ,	QUANTITY	BRAND		(X)			TYPE LOG		77.010	1	INTERV	41 1.00	CED
10-7-73			6527	75	O Gal.	Schlumberger Shelwell Birdwell Burgener Other			DLI MLI				<u>.</u>	220 350 350	0-66 0-66 0-66	56 54 54	w C
		L	· ·			PRODUCTION	ON DATA	`	٠			_		N			
ale ser : militarque de spin o de production	-	1 1		, pw	PD	MCF GAS		. , , ,	٠	C	ASING - PS	1		Tu	BING -	P\$1 -	

ATTACHMENT "E"
WLOSINSKI #2-27 SWD
TENEXCO, INC.

Names and Depth of USDW's:

Glacial drift blankets the entire area in questions to depths that range form 400 to 700 feet. It is the main source of drinking water for area residents with water wells penetrating 50 to 250 feet. The drift is composed of alternating layers of clay, gravel, sand and boulders. The Coldwater Shale underlies the drift in the area of interest and is a gray to blue gray shale with some thin beds of light colored limestone and fine grained sandstones interspersed throughout. This aforementioned shale effectively seperates the relatively freshwater aquifiers in the drift from the underlying brackish waters in progressively deeper formations.

ATTACHMENT "G"
WLOSINSKI #2-27 SWD
TENEXCO, INC.

Geological Data on Injection & Confining Zones:

The formations presently being used for injection of produced fluids are the Detroit River Group and the Bois Blanc. The Detroit River Group is composed of alternating beds of dolomite, anhydrite, salt, limestone and sandstone. The Bois Blanc is a cherty carbonate that is a traditional loss zone during drilling operations in the Southern Peninsula of Michigan. The overlying formation is the Dundee limestone which is a predominantly buff to brownish gray, fine to coarsely crystalline limestone. The underlying formation is the Bass Islands Group which is a buff to light brown, dense dolomite.

ATTACHMENT "H"
WLOSINSKI #2-27 SWD
TENEXCO, INC.



EPA BRINE WATER ANALYSIS

DATE:

June 03, 1985

SUBMITTED ON:

May 29, 1985

LOCATION:

Wlosinski 2.27 SwD

COMPANY:

Terra Energy

Specific Gravity

1.300

PH

4.48

Chlorides

236,000 Mg/L

Total Hardness (CaCO3)

280,000 Mg/L

Total Iron

36 Mg/L

Bicarbonate

NIL

Barium

NIL

Calcium

94,400 Mg/L

Magnesium

9,100 Mg/L

Sodium

16,300 Mg/L

Sulfide

NIL

Sulfate

NIL

Total Dissolved Solids

(Calculated)

356,000 Mg/L

Southern Petroleum Laboratories

ATTACHMENT "M"
WLOSINSKI #2-27 SWD
TENEXCO, INC.

ATTACHMENT

- PERFORATIONS -

Density - 4 sh./ft

2824 - 28

2858 - 68

2870 - 80

3010 - 14

3148 - 58

3174 - 78

3184 - 94

3208 - 14

3224 - 30

3248 - 64

3908 - 14

3924 - 36

4016 - 26

4090 - 4100

4304 - 34

All are open



MATERIAL SAFETY DATA SHEET

(Essentially Similar to Form LSB 00S-4)

ANHIB Inhibitor 70.15341 CHEMICAL CODE PART NUMBER 55 Gallon metal drum Gallon UNIT OF ISSUE PACKAGE QUANTITY Corrosion inhibitor SERVICE USED Chemical Services APPLICATION EMERGENCY PHONE 405-251-3565 Organic CHEMICAL FAMILY AFTER HOURS 405-251-3760 **Toxicity Data** TLV (Units) **MATERIAL** % 8600 mg/kg Isopropano1 10 - 30orl-man LDLo: 400 ppm ihl-hmn TCLo: 400 ppm TLm 96: 1000 - 100 ppm er seine scharft voorgege de verkende. **APPEARANCE & ODOR** Clear, red liquid, pungent-stifling odor. **EVAPORATION RATE** 1.07 ND SPECIFIC GRAVITY (H2O = 1) (Butyl Acetate = 1) 8.9 lbs/gal VAPOR DENSITY ND **BULK DENSITY** (Air = 1)8.5 ND VAPOR PRESSURE AT ____°C pН **BOILING POINT SOLUBILITY IN WATER AT** Miscible 20°C gms/100 ml H₂O 760 mm. Hg <-20°F/-29°C Slowly **POUR POINT BIODEGRADABILITY** PERCENT VOLATILES 16 ND FREEZE POINT BY VOLUME **AUTOIGNITION FLASH POINT** 70°F/21°C PMCC ND **TEMPERATURE** (test method) ND ND **LOWER** FLAMMABLE LIMITS IN AIR, % by volume **UPPER EXTINGUISHING** Foam, dry chemical, carbon dioxide. **MEDIA** Use full protective clothing and NIOSH/MSHA approved self-contained SPECIAL FIRE FIGHTING breathing apparatus required for fire fighting personnel. **PROCEDURES** May be ignited by heat, sparks, flames. Container may expode in heat **UNUSUAL FIRE AND** Flammable vapors may spread away from spill. **EXPLOSION HAZARDS**

The information which is contained in this document is based on available data and believed to be correct. However, as such has been obtained from various sources, including the manufacturer and independent laboratories, it is given without warranty or representation that it is complete, accurate and can be relied upon. Halliburton has not attempted to conceal in any way the deleterious aspects of the product listed herein, but makes no warranty as to such. Further, as Halliburton cannot anticipate nor control the many situations in which the listed product or this information may be used by our Customer, there is no guarantee that the health and safety precautions suggested will be proper under all conditions. It is the sole responsibility of each user of the listed product to determine and comply with the equirements shall applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property.

Any other use of this information is expressly prohibited.

SEE BACK SIDE

November 1, 1983 Gov't Red Dent Sr Env Engr CTR

ATTACHMENT "Q"
WLOSINSKI #2-27 SWD
TENEXCO, INC.

UNITED STATES ENVIRONMENTAL PROTECTION WASHINGTON, DC 20460 PLUGGING AND ABANDONMENT PLAN NAME AND ADDRESS OF OWNER/CPERATOR Tenexco Inc. Wlosinski 2-27 SWD 414 Clinton Ave., Suite 106 Kalkaska, MI 49646 River Forest, IL 60305 PERMIT NUMBER COUNTY STATE LOCATE WELL AND OUTLINE UNIT ON 36963 Ka 1 ka ska ΜI SECTION PLAT - 640 ACRES SURFACE LOCATION DESCRIPTION 14 OF NE RANGE 7W 14 OF NE 14 SECTION 27 TOWNSHIP 28N LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT 0 Surface 380 ft. from (N/S) N Line of quarter section and 920 ft. from (E/W) E Line of guarter section WELL ACTIVITY TYPE OF AUTHORIZATION CLASS I ☐ Individual Permit Ε ☐ Area Permit CLASS II XX Rul. AB Brine Disposal □ Enhanced Racovery Number of Wells ___1 ☐ Hydrocarbon Storage CLASS III Wlosinski Well Number 2-27 Lease Name METHOD OF EMPLACEMENT OF CEMENT PLUGS **CASING AND TUBING RECORD AFTER PLUGGING** ★ The Balance Method HOLE SIZE SIZE WT(LB/FT) 70 BE PUT IN WELL (FT) TO BE LEFT IN WELL (FT) The Dump Bailer Method 13 3/8 48# 100, 100' Driven The Two-Plug Method 8 5/8" 900' 900' 10 5/8" 24# XX Other 5 1/2" 15.5# 44001 4400' 7 7/8" Squeeze PLUG #2 PLUG #4 PLUG #5 PLUG #6 PLUG #7 CEMENTING TO PLUG AND ABANDON DATA: PLUG #1 PLUG #3 4.95" 4.95" Size of Hole or Pipe in which Plug Will Be Placed (inches) 2790' Depth to Bottom of Tubing or Drill Pipe (ft.) 28001 Sacks of Cement To Be Used (each plug) 180 sx 380 sx 448ft3 Sturry Volume To Be Pumped (cu. ft.) 127ft³ 2800' surface Calculated Top of Plug (fl.) Measured Top of Plug (if tagged ft.) 16 16 Slurry Wt (Lb./Gal.) Class A Type Cement or Other Material (Class III) Class A 4 Shots/Foot LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any) 2824 3174 2828 3178 2858 2868 3184 3194 2870 3208 2880 3214 3010 3014 3224 3230 3148 3158 SEE BACK Move in W.O. Rig. Pull TBG & PKR. set cem. retainer @2800'. Sting into cem. retainer w/TBG. Squeeze 180 sx. Sting out of cem. retainer. Pull TBG 10' above cem.retainer. Balance in 380 sx. Pull out of hole w/TBG. App. cost: \$7,000.00 @ 1985 prices CERTIFICATION I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32) NAME AND OFFICIAL TITLE (Please type or print) SIGNATURE

EPA Form 7520-14 (3-84)

TERRA ENGINEERING

Log Analysis / Completion Recommendations

Reserve Estimates

Reservoir Studies

Prospect Evaluation

Production Optimization

Pre-well Planning

PETROLEUM ENGINEERING CONSULTANTS 4906 E. Pickard Mt. Pleasant, MI 48858 (517) 772-3191 MARTIN G. LAGINA Petroleum Engineer

CRAIG J. TESTER Petroleum Engineer Petrophysicist

PROPOSED PLUGGING PLAN

WLOSINSKI #2-27 SWD

Should conditions exist such that the above captioned well would require plugging, the following plan shall be implemented:

Set cement retainer above upper most open perforations (approximately 2,800'). Sting into cement retainer with tubing and squeeze the total calculated volume between the cement retainer and total depth in 5 1/2" casing with Class "A" cement (approximately 180 sacks). Pull tubing 10' above the cement retainer. Balance in 380 sacks of Class "A" cement. This volume should circulate cement to surface. Pull out of hole with tubing. Cut casings 3' below ground level and weld a 1/2" steel plate over top.

Note: This plugging plan would leave no open annular spaces between casings as the 8.5/8" and 5.1/2" casings are cement to surface.

the possibility of fine and imprisonment. (Ref.40 CFR 144.32)

SIGNATURE

DATE SIGNED

NAME AND OFFICIAL TITLE (Please type or print)

Stephen J. Savoie, Geologist

ORIGINAL WELL CONSTRUCTION DURING OPERATION	PLUGGIN D ABANDONMENT CONSTRUCTION				
\(\lambda_{\pi}\).					
Surface	Surface .				
1 31111 11117	Top Plug Interval				
	100(A.) to surface				
Top Of Driven					
Coment(ft.)					
Surface 100 Casing (ff.)	Surface 100 (ft.				
Casing (ft.)	* USDW Base Plug				
1 {	Intervel 1000 335				
USDW (ft.)	USDW Base 890 (ft.				
	[[] [] []				
	• Intermediate				
	Cut/Rip Point Plug Cut/Rip Depth (ft.				
top Di Surface Comment(ft.)	(ft.) to(ft.){				
* Intermediate Casing 900 [ft.]	• Intermediate Cooling 900 (ft.				
	* Middle Plug Interval 2500 (ft.) to 1175				
1 111	230(ft.) to 11/(ft.)				
1 111					
	*Long String Cut/Rip Point Plug Interval *Long String				
	(ft.) to(ft.) Cut/Rip Depti(ft.)				
- Surface Pecter					
Top Di Surface	Sottom Piug Depth				
	4400 (n.) to 2635(n.)				
See attached Long String Casing 4400(ft.)	• Mechanical Plus Long String				
Perforations: Casing 4400(ft.)	Depth (ft.)				
Hole Size 5 172 (fn.) • Depth (ft.)	• Depth(ft.)				
Hole Size(fin.) *Depth(ft.)	Depth (it.				
** Add Any Additional Information * May Not Apply	** Add Any Additional Information * May Not Apply				
LIST OF ALL OPEN AND/OR PERFORATED INTERVAL Specify Open Note/Perforations/Varied Coding From	To Formation Name				
See attached					

SEPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

PLUGGING AND ABANDONMENT PLAN

WELL NAME & NUMBER, FIELD NAME, LEASE NAME & NUMBER NAME, ADDRES

WLOSINSKI #2-27 SWD

NAME ADDRESS, & PHONE NUMBER OF OWNER/OPERATOR
TENEXCO, INC.
414 Clinton Place, Suite 106
River Forest, ILL, 60305

				K	iver for	est, II	T 60	305		
Loc Sec	ete Well And Outlin- tion Plat — 640 Acr	e Unit On	MI	Ka	lkaska			3696		
	1++1				N Description Secti	on 27, T			·	
	╇╇╇ ╇	++++	S:	urface 3		from NEAREST (N/S) $\frac{N}{E}$	Line O	l Quarter S		ING UNIT
*-	\$ec 27 + + + + + + + + + + + + + + + + + + +	++++	Nu In	⊠ In □ Ru □ Ar mber of V Area Perm	rea Parmit Velis	nit	WELL ACTIVITY	r <u> </u>		ardous
CASI	NG/TUBING/C	EMENT RECOR	D AFTE	R PLUG	GING AN	D ABANDO!	MENT		D OF EMPL	
. 844	WH 19-14 196/CEG	Original American (CSO) (FL)	CSO L	1	Hate Blee (m.)	South Corner (Face)	Type	DI T	he Balance Mi	ethod
13 3/8 8 5/8		100 900		100 Dri		circ to s	urClass A	The Dump Sailer Method The Two Plug Method		
5 1/2		4400	440			circ to s	urClass A			
- RMEN	T TO PLUG AN	D ABANDON	DATA:	Plug# 1	Plug #	2 Plug # 3	Piug # 4	Plug#	Plug #	Plug #
	le or Pipe in Which Pi	ug Will Be Placed (inc	:hes)	5 1/2	5 1/2	5 1/2	5 1/2 ^			
Calculated Top of Plus (ft.)				2734	1409	335	Surface			-
				2734						
Depth to Bottom of Plug (It.) 4400 2						1000	100			
Sacks of Coment to be Used 180 Sturry Volume to be Used (cu. ft.) 212					150 177	75 89	30 35			
									 	
	ment. Spacer or Othe	r Material Lland		15.6 Class A	15.6 Class	15.6 A Class A	15.6 Class A	. —	+	
	eflush Usd			MASS E	LIASS	A LISS A	VINS A		1	1
		DES	CRIPTIO	N OF P	LUGGING	PROCEDUR	E	. ,	7 .1	

Plug #1 is already in place following a rework. Circulate and balance hole, through tubing balance 150 Sx cement plug at 2734, pull tubing to 1000' and balance 75 Sx cement plug.
Pull tubing to 100' and balance 30 Sx plug. Plug rat and mouse holes with cement and cut casing 3' below ground level and weld on 1/2" steel plate.

	ESTIMATED COST OF PLUGGING AND ABANDONMENT									
Cément	•5,000.00	Cast Iron Bridge Plug	•							
Logging		Cement Retainer	•							
Rig or Pulling Unit	•3,000,00	Miscellaneous	• 2,000.00							

CERTIFICATION

I cartify under the penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL STILE (Please type or print)	BIONATURE	DATE SIGNED
Stephen J. Savoie, Geologist	Styling Samue	10/24/88

079-2D-0016 PLUGGING AND ABANDONMENT CONSTRUCTION ORIGINAL WELL CONSTRUCTION DURING OPERATION Wlosinski #2-27 SWD Surface Surface Top Plug Interval 100(ft.) to urfacen.) Top Of Driven Cement Surface Casing 100 (ft.) Surface Casing __100 (ft.) * USDW Base Plug Interval 1000(ft.) to 335(ft.) USDW Base 890 (ft.) USDW Base 890 (ft.) * Intermediate Intermediate Cut/Rip Point Plug Cut/Rip_NA_(ft.) Interval NA_{ft.} to_ Top Of Surface • Intermediate Intermediate Casing 900 (ft.) Casing 900_ (fL) Middle Plug Interval 2734(n.) to 1409(n.) * Long String Cut/Rip * Long String Point Plug Interval Cut/Rip Depth NA_ (ft.) to _____ (ft.) NA_ (ft.) Packer 367 (ft.) Top Of Surface Existing Bottom Plug Depth Cement ___{ft.) 4400(ft.) to2734(ft.) Long String Casing 4400 (ft.) Long String Casing :4400(ft.) Mechanical Plug Perforations: See attached Depth _____ (ft.) • Depth 2734(ft.) Hole Size 5_1/2in.) * Depth ____ (ft.) ** Add Any Additional Information ** Add Any Additional Information * May Not Apply May Not Apply LIST OF ALL OPEN AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED **Formation Name** Specify Open Hole/Perforations/Varied Casing From Perforations See Attached

ATTACHMENT "T"

WLOSINSKI # 2-27 SWD

TERRA ENERGY LTD. / TENEXCO, INC.

EPA permits:

Gornick #11-23SWD
Permit Number MI-137-2D-0010

Gruebner #1-16C Enhanced Recovery Well Permit Number MI-079-2R-0002